

PRACTICE TEST 1

READ THE FOLLOWING DIRECTIONS CAREFULLY

1. This test is divided into **THREE** sections.
2. Make sure you read the instructions before you start to work on any section.

SECTION I

1. Write in figures: two hundred and seven thousand, and thirteen.

Answer: _____

2. Arrange the following numbers in order: from largest to smallest.

2, 2.2, 2.1, 2.02

Answer: _____

3. Write the missing value in the expanded notation below.

$$72.48 = (7 \times 10) + (2 \times 1) + (4 \times \underline{\quad}) + (8 \times \frac{1}{100})$$

Answer: _____

4. What is the total value of the coins shown below?



Answer: _____

5. How many fifths are there in $3\frac{4}{5}$?

Answer: _____

6. Express 36% as a decimal number.

Answer: _____

7. Four boys share 3 sandwiches equally. How many sandwiches does each boy get?

Answer: _____

8. What is 50% of \$350?

Answer: _____

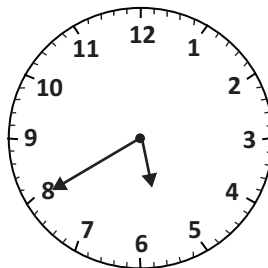
9. Round 7 426 to the **NEAREST** hundred.

Answer: _____

10. $26 \overline{)3\,276}$

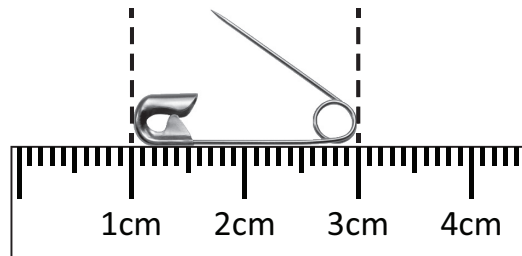
Answer: _____

11. State the time shown on the clock below.



Answer: _____

12. What is the length of the pin?

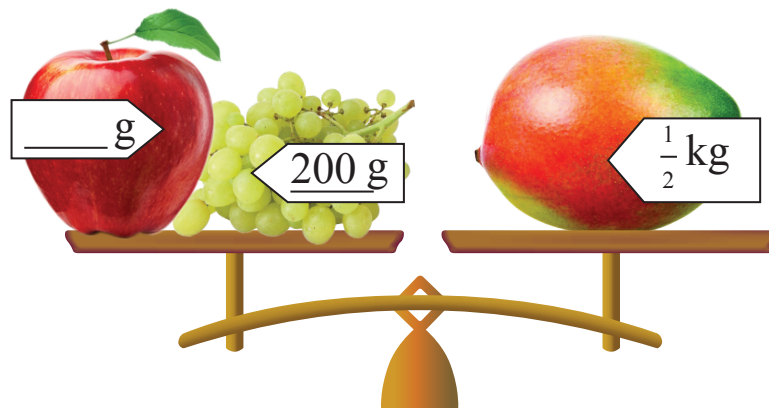


Answer: _____

13. 1.55 litres = millilitres.

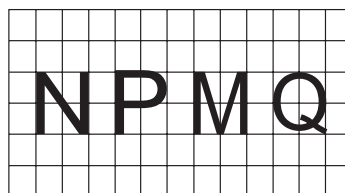
Answer: _____

14. Calculate the mass of the apple.



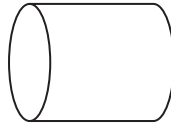
Answer: _____

15. Four letters are shown on the grid below. Which letter has a line of symmetry?



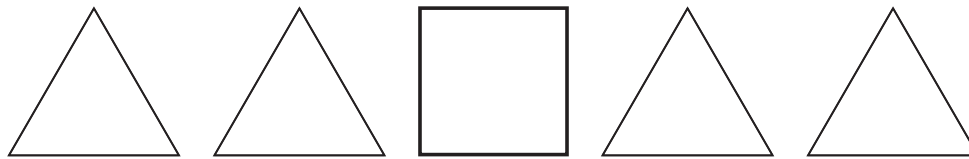
Answer: _____

16. What is the name of the solid shown below?



Answer: _____

17. Write the name of the solid which can be formed using ALL the faces below.



Answer: _____

18. The numbers below shows the test scores of seven children.

85, 69, 70, 85, 70, 65, 70

Which score represents the mode?

Answer: _____

19. The pictograph shows the number of times four children were late during the term.

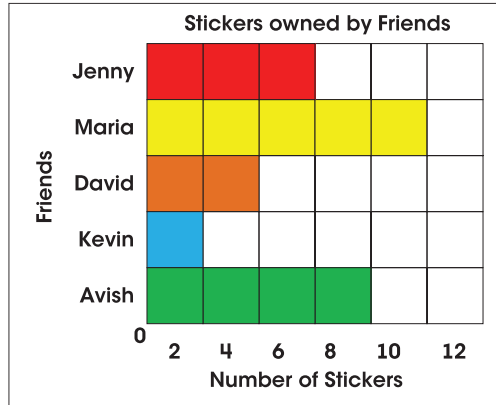
Student	Number of Times Late
Josiah	⊗ ⊗ ⊗ ⊗ ⊗
Matthew	⊗
Leanna	⊗ ⊗
Arun	⊗ ⊗ ⊗

⊗ = 4 times

What is the total number of times they were late during the term?

Answer: _____

20. The block graph below shows the number of stickers owned by five friends.

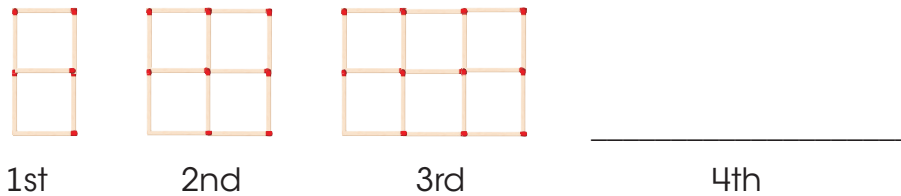


How many more stickers does Maria own than David?

Answer: _____

SECTION II

21. Joshua uses matchsticks to form figures that follow a pattern as shown below.

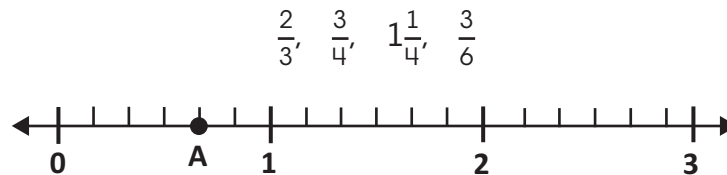


How many matchsticks will he use in the 4th figure?

(2 marks)

Answer: _____

22. Which of the following fractions can be placed at Point A on the number line below?



(2 marks)

Answer: _____

- 23.** There are 288 people in a hall. There are twice as many adults as children. There are 36 more boys than girls. How many girls are in the hall?

(3 marks)

Answer: _____

- 24.** Joshua gets a daily allowance of \$30. Each day he spends 60% of it on lunch, $\frac{1}{2}$ of the remainder on transport and saves the rest. Calculate the amount he saves each week.

(3 marks)

Answer: _____

- 25.** The product of two numbers is 900. One of the numbers 20. What is the difference between the two numbers?

(2 marks)

Answer: _____

- 26.** 25 apples were bought for \$3 each and sold at 5 apples for \$30. Calculate the profit made?

(2 marks)

Answer: _____

- 27.** Mr. Persad borrowed \$6 000 at 9% per annum for 2 years. Calculate the amount of money he will repay each month for 2 years if he pays equal monthly instalments.

(3 marks)

Answer: _____

- 28.** Mother bakes some cupcakes for a party. She fills 20 trays with 12 cupcakes each. She has 11 cupcakes left over. How many trays can she fill if she puts 8 cupcakes on each tray?

(3 marks)

Answer: _____

- 29.** Lal planted 124 sweet pepper seedlings. Shammi planted 26 more than Lal and 46 less than Ralph. How many sweet pepper seedlings were planted ALTOGETHER?

(3 marks)

Answer: _____

- 30.** One eraser costs 30 cents and a packet of 5 erasers cost \$1.00. Jeremy bought 27 erasers and spent the least possible amount of money.

(3 marks)

Explain how Jeremy spent his money.

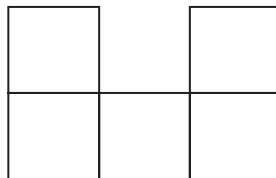
- 31.** A marathon runner started to run at 5:45 am and stopped after 2 hours and 36 minutes. At what time did he stop running?

(2 marks)

Answer: _____

- 32.** The figure shown below is made up of 5 identical squares. If the length of each side of a square is 3 cm, what is the perimeter of the figure?

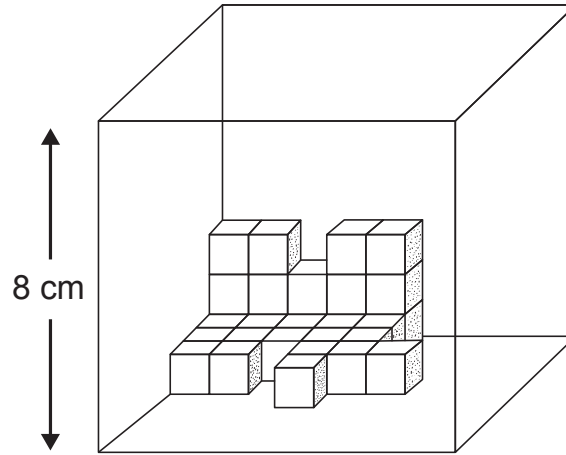
(2 marks)



Answer: _____

- 33.** A cube-shaped container with sides measuring 8 cm has identical 1-cm cubes packed in it as shown below. What is the volume of the empty space left in the container?

(3 marks)



Answer: _____

- 34.** Miss Ali sold $\frac{1}{3}$ of her rice on Monday, $\frac{2}{5}$ kg on Tuesday and had 16 kg left. How much rice did she have at first?

(3 marks)

Answer: _____

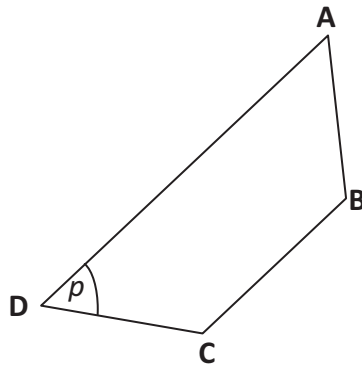
- 35.** Draw the next shape in the pattern.



(2 marks)

36. The figure shown below is a quadrilateral.

(3 marks)



(a) Name the quadrilateral.

Answer: _____

(b) Describe the size of the angle marked p .

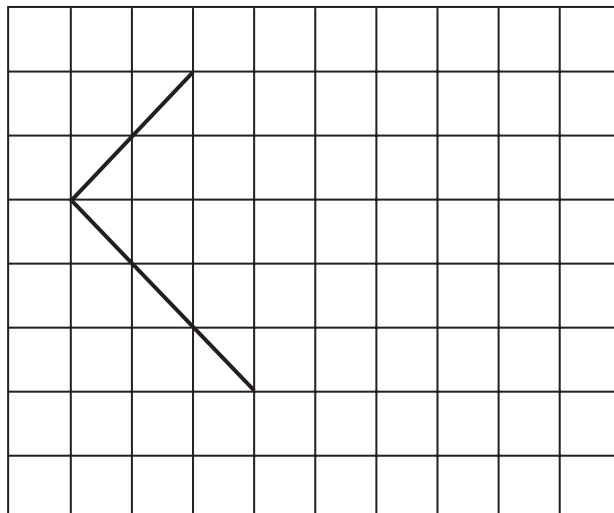
Answer: _____

(c) Tick the parallel sides.

Answer: _____

37. The following diagram shows two sides of an incomplete shape.

(2 marks)



Complete the shape by drawing the other sides to form a quadrilateral with opposite sides equal and parallel.

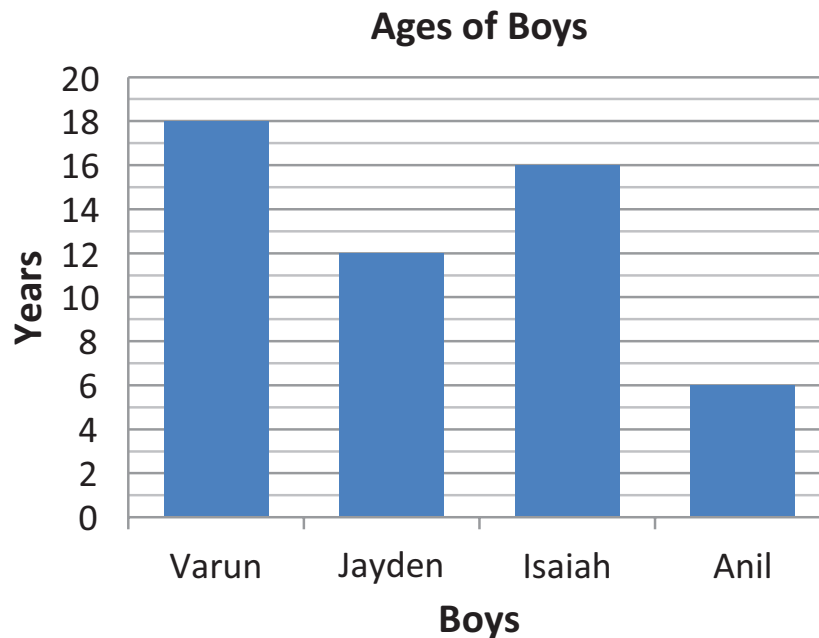
38. The tally chart below shows the favourite fruits of Standard 5 students. There are 40 students in Standard 5.

(2 marks)

Fruits	Tally	Frequency
Oranges		16
Guavas		8
Cashew		
Apples		12

Complete the tally and frequency chart above.

39. The bar graph below shows the ages of four boys.



Calculate the MEAN age of the four boys?

(2 marks)

Answer: _____

40. The table below shows the total number of stars Miss Peters gave to the students of her class during 1 month of school.

Number of Stars	0 stars	1 star	2 stars	3 stars
Number of Students	5	16	14	5

What was the total number of stars Miss Peters gave to her class?

(3 marks)

Answer: _____

SECTION III

41. A bakery sold 80% of a batch of cookies. It gave away 90% of the cookies that remained because they were broken. This left 40 cookies. Calculate how many cookies the bakery had at the beginning.

(4 marks)

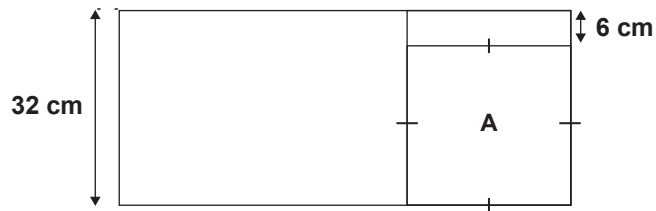
Answer: _____

42. In a fruit stall, $\frac{3}{5}$ of the fruits were oranges, and $\frac{3}{8}$ of the remaining fruits were lemons. The rest of the fruits were apples. There were 133 more oranges than apples. How many fruits were in the stall altogether?

(4 marks)

Answer: _____

- 43.** The figure below is made up of one square A and two rectangles. The perimeter of the figure is 206 cm. Find the total area of the two rectangles.

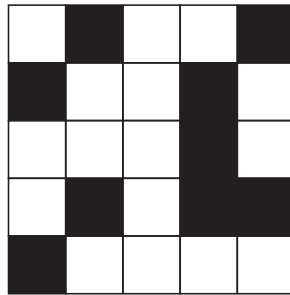


(4 marks)

Answer: _____

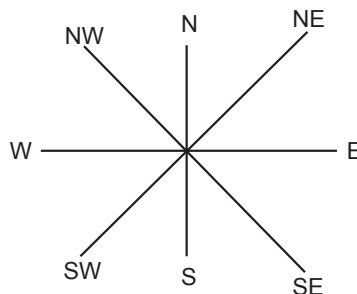
- 44. (a)** The figure below is made up of squares. Shade two more squares so that the figure has a line of symmetry.

(3 marks)



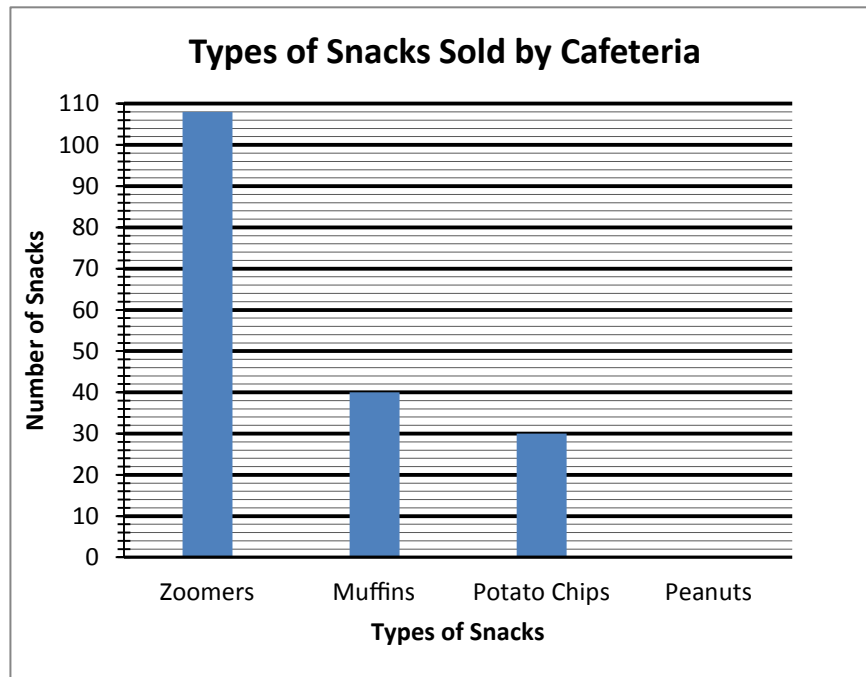
- (b)** Jack is facing South-East. He makes a three quarter turn clockwise followed by a quarter turn. Which direction is he facing now?

(1 mark)



Answer: _____

45. The bar graph below shows the types of snacks sold by a school's cafeteria in one week.



- (a) The number of packets of peanuts sold was $\frac{2}{3}$ of the number of Zoomers sold. Draw the bar to show the number of packets of peanuts.

(2 marks)

- (b) The table below shows the prices of the snacks.

Type of Snack	Price per Snack
Zoomers	\$2.00
Muffins	\$4.00
Potato Chips	\$3.00
Peanuts	\$5.00

From which type of snack did the cafeteria collect the most money for the week?

(2 marks)

Answer: _____

PRACTICE TEST 2

READ THE FOLLOWING DIRECTIONS CAREFULLY

1. This test is divided into **THREE** sections.
2. Make sure you read the instructions before you start to work on any section.

SECTION I

1. Write the **PLACE VALUE** of the underlined digit in 129 537

Answer: _____

2. Express $\frac{3}{4}$ as a percent.

Answer: _____

3. Write 72.48 in expanded notation.

Answer: _____

4. Round 36 704 to the NEAREST thousand.

Answer: _____

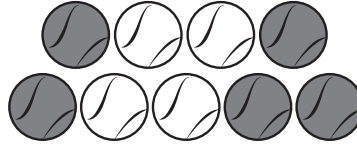
5. A class has 24 children. 75% of the class is girls. How many girls are in the class?

Answer: _____

6. How many 10 cent coins are equivalent to \$7.00?

Answer: _____

7. What fraction of the objects is shaded?



Answer: _____

8. What is the product of 409×64 ?

Answer: _____

9. + 60 = 9^2

Answer: _____

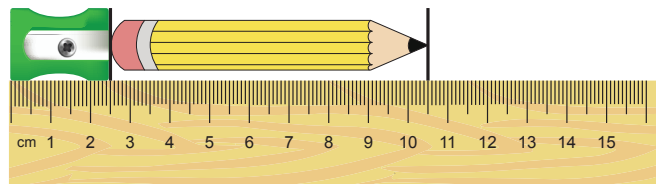
10. What is the value of 14 thousands + 21 hundreds?

Answer: _____

11. School starts at 8:15 a.m. Allegra arrived at school half an hour late. At what time did she arrive at school?

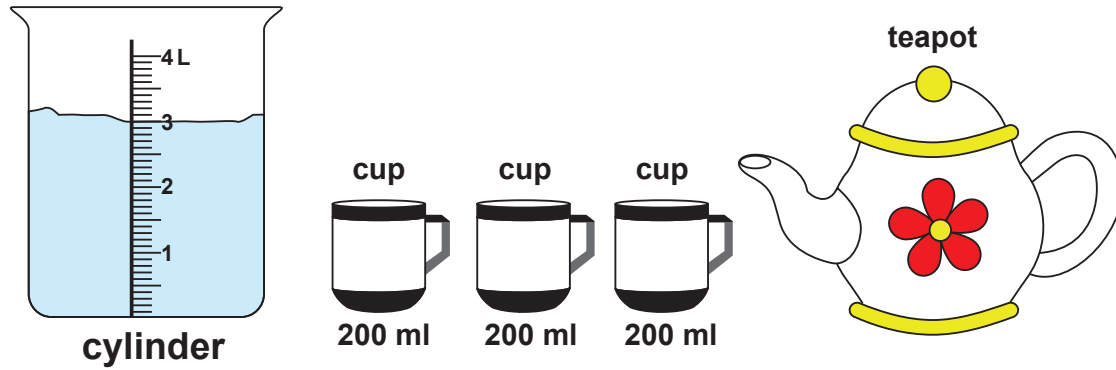
Answer: _____

12. What is the length of the pencil?



Answer: _____

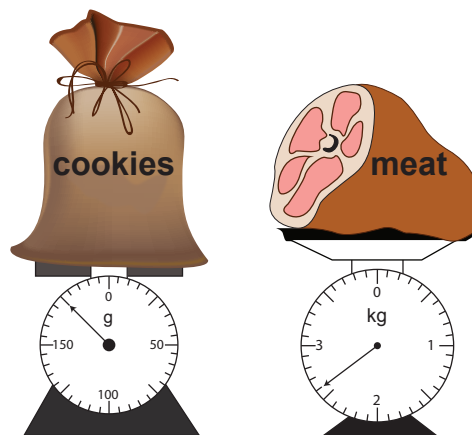
13. All the water in the cylinder is used to fill the three cups and the teapot completely.



How much water is in the teapot?

Answer: _____

14. Which object has the greater mass.



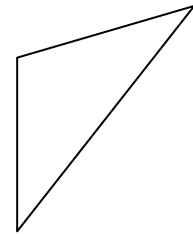
Answer: _____

15. Complete the table below.

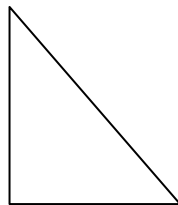
Name of Shape	Faces	Edges	Vertices
	1 square face 4 triangular faces	8	5

Answer: _____

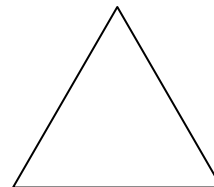
16. Which triangle below has 3 lines of symmetry.



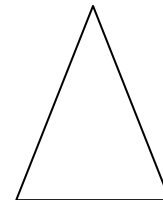
scalene



right angle



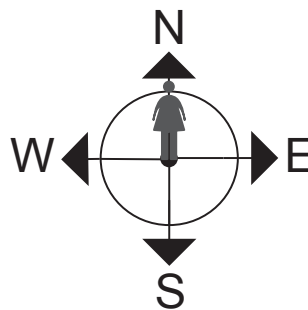
equilateral



isosceles

Answer: _____

17. Jenny is standing in the centre facing South. She turns CLOCKWISE to face West.



What fraction of a complete turn did Jenny make?

Answer: _____

18. Which number below best represents the mode?

5, 6, 8, 3, 6, 8, 6, 5

Answer: _____

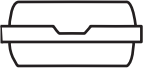
19. The table below shows the number wickets taken by 4 bowlers in a cricket competition.

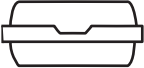
Bowler	Wickets
Matthew	14
Larry	16
Samad	10
Mohan	8

What is the mean number of wickets taken?

Answer: _____

20. The pictograph below shows the number lunches that weren't eaten by children over 5 days.

Days	Number of lunches
Monday	  
Tuesday	
Wednesday	   
Thursday	      
Friday	 

 = 5 lunches

How many more lunches were not eaten on Thursday than on Tuesday?

Answer: _____

SECTION II

21. Three of the numbers below will produce a WHOLE number when added.

$$3\frac{1}{2}, 6\frac{1}{8}, 1\frac{1}{4}, 5\frac{3}{4}, 3\frac{3}{8}$$

What is the WHOLE number?

(3 marks)

Answer: _____

22. Tom is paid \$40 for working 8 hours. At this rate, how many hours must he work to earn \$480?

(2 marks)

Answer: _____

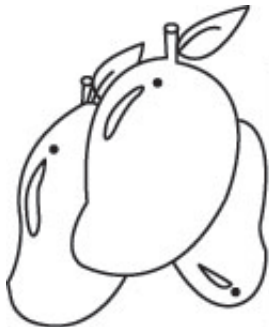
23. What are the next TWO numbers that would continue the number pattern below?

1, 3, 6, 10, 15, ____, ____

(2 marks)

Answer: _____

24. The picture below shows the price of mangoes at the market.



2 mangoes for \$5.00

Buy 3 mangoes and get 1 free

Joy paid \$50.00 for some mangoes. What is the greatest possible number of mangoes she bought?

(3 marks)

Answer: _____

25. Mark and Ali had 60 marbles each. Mark gave 20% of his marbles to Ali. After receiving the sweets from Mark, Ali gave 50% of his total marbles to Ben. How many marbles had Ali left?

(3 marks)

Answer: _____

26. The table below shows the number of mangoes two vendors had for sale.

	Julie Mango	Starch Mango	Total
Mohan	25		60
James	45	15	

What fraction of the total number of mangoes was Starch Mangoes?

(2 marks)

Answer: _____

27. Mr. Ramsaran fills 35 bags with 24 oranges each. He has 6 oranges remaining. How many bags would he be able to fill if he puts 18 oranges in each bag?

(2 marks)

Answer: _____

28. A basket contains mangoes and oranges. $\frac{5}{9}$ of the fruits are mangoes and the rest are oranges. $\frac{3}{10}$ of the mangoes are green. There are 15 green mangoes. How many fruits are in the basket?

(3 marks)

Answer: _____

29. For a field trip 62 students went to the zoo. How much did they pay for the tickets in all?

Zoo Admission Ticket.
\$30.00 each
20% discount for students

(2 marks)

Answer: _____

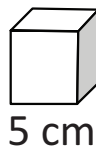
30. Jenny is 7 years older than her sister. Three years ago, their total age was 43. How old is Jenny now?

(3 marks)

Answer: _____

31. How many cubes with side 5 cm will completely fill the rectangular box that has a volume of $3\,000\text{ cm}^3$?

(2 marks)



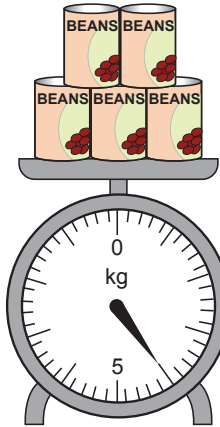
Answer: _____

32. Mother mixes 0.55 litres of lemon juice with 1.85 litres of water. The mixture is then poured into bottles of 700 ml each. How many millilitres of mixture is left over?

(2 marks)

Answer: _____

33. If each tin of peas has the same mass, what will be the mass of three such tins of peas in grams?



(3 marks)

Answer: _____

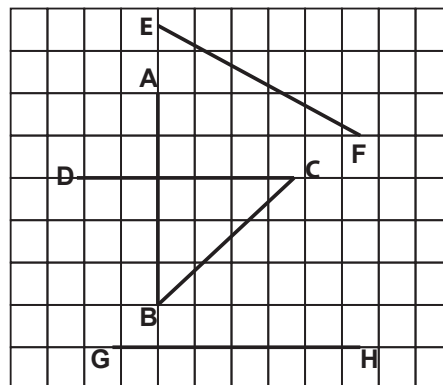
34. Sixteen trees are planted in a straight row at equal distances from each other. The distance between the fourth and the eleventh tree is 17.5 m. What is the distance between the first and the last tree?

(3 marks)

Answer: _____

35. The diagram below shows 5 straight lines AB, BC, CD, EF and GH on a square grid.

(2 marks)

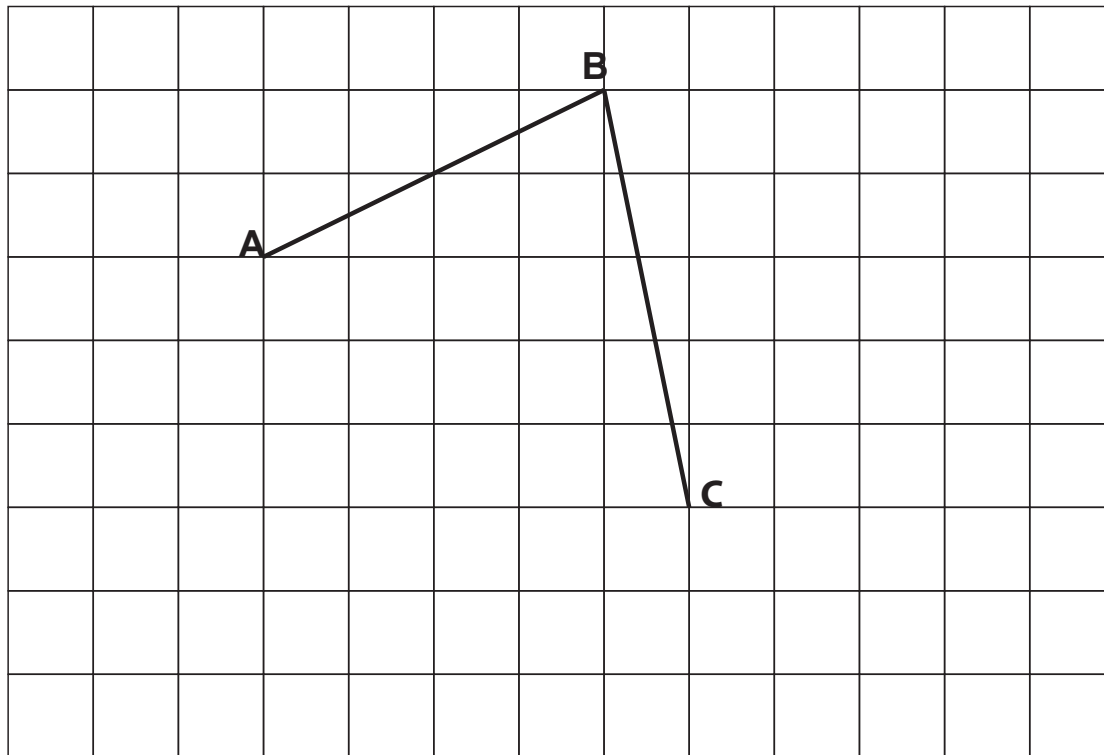


- (a) How many right angles are formed by the 5 lines in the diagram above.

Answer: _____

36. In the square grid below, AB and BC are straight lines that form two sides of a parallelogram. Complete the drawing of the parallelogram.

(2 marks)



37. A pattern is shown below.

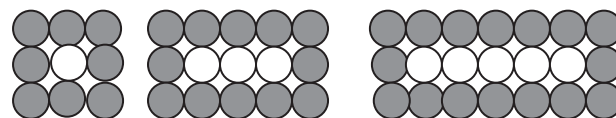


Figure 1 Figure 2 Figure 3

Draw the 5th figure in the pattern.

(3 marks)

Answer _____

38. Over a period of one week an Up Town Primary School recorded the number of students who were absent each day. The table below shows the results.

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Students absent	11	15	18	16	20

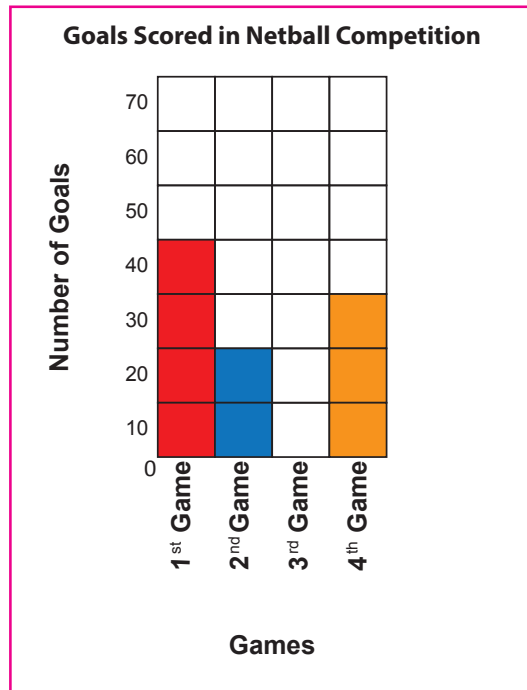
What percent of the total absenteeism was recorded on Friday?

(2 marks)

Answer: _____

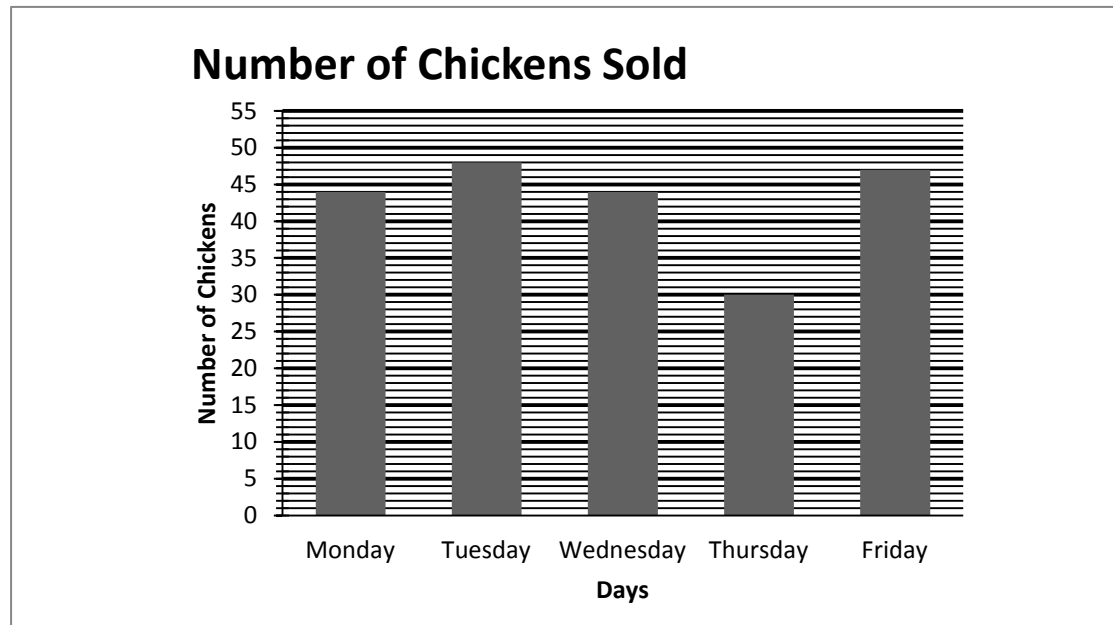
39. The number of goals scored in the 3rd game was the total number of goals scored in the second and fourth game. Complete the block graph below.

(2 marks)



Answer: _____

40. The bar graph below shows the number of chicken sold at a meat shop over 5 days.



How many more chickens need to be sold on Thursday for the mean number of chickens sold to be 45?

(3 marks)

Answer: _____

SECTION III

41. Every week David spends $\frac{2}{5}$ of his allowance on food, $\frac{4}{9}$ of the remainder on transportation and saves the rest. David is saving to buy a cricket bat that costs \$360. If he spends \$60 on food each week, how long will he take to save in order to buy the cricket bat?

(4 marks)

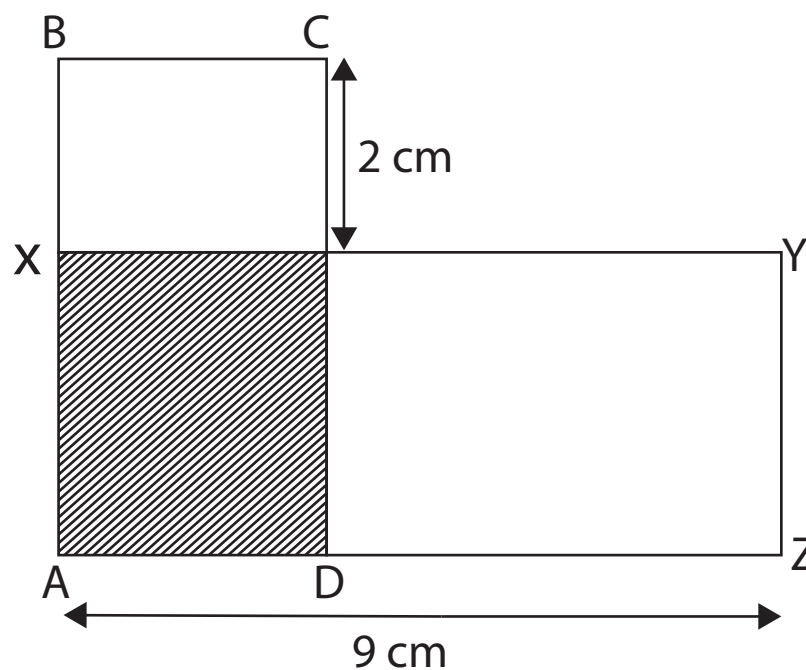
Answer: _____

42. A furniture store offers 25% discount on cash purchases. The marked price on a wardrobe is \$9 600. Mrs. Chin Fat paid cash for a wardrobe. What is the FINAL cost of the wardrobe, if VAT at 12.5% is calculated on the discounted price.

(4 marks)

Answer: _____

43. The figure below is made up of two rectangles. Rectangle **ABCD** has an area of 27 cm^2 and rectangle **AXYZ** has an area of 63 cm^2 . What is the area of the shaded part?

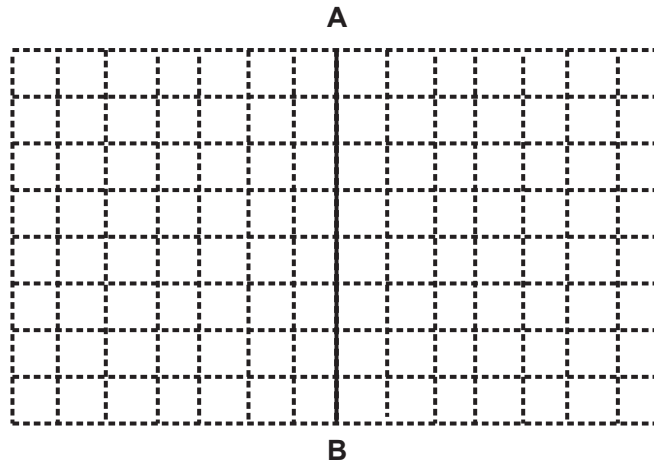


(4 marks)

Answer: _____

44. (a) Draw 3 straight lines to form a symmetric shape with AB as the line of symmetry.

(3 marks)



(b) What is the name of the polygon drawn?

(1 mark)

Answer: _____

45. The table below shows the number of books read by each student in a class.

Number of books read by each student	0	4	?
Number of students	3	20	7

The mean number of books read by the students in the class is 5. What is the missing number?

(4 marks)

Answer: _____

PRACTICE TEST 3

READ THE FOLLOWING DIRECTIONS CAREFULLY

1. This test is divided into **THREE** sections.
2. Make sure you read the instructions before you start to work on any section.

SECTION I

1. Write in words the number that has the place values of 2 tens, 4 tenths, and 8 hundredths.

Answer: _____

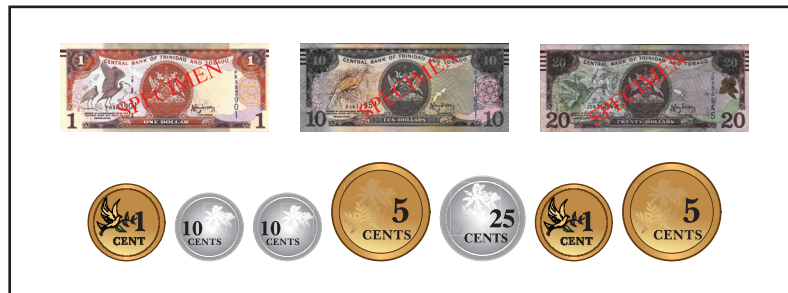
2. What is the value of 15 thousands and 23 hundreds?

Answer: _____

3. Round 12 452 to the nearest **thousand**.

Answer: _____

4. Write the total value of the bills and coins shown below.



Answer: _____

5. Which one of the following numbers is the smallest?

7.17, 7.01, 7.71, 7.07

Answer: _____

6. How many tenths are there in 3.8?

Answer: _____

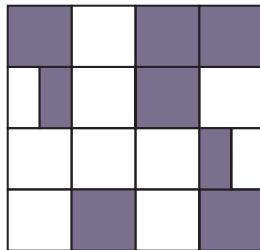
7. $\frac{1}{7}$ of a number is 140. What is the number?

Answer: _____

8. A number gives a quotient of 87 and a remainder of 4 when it is divided by 7. What is the number?

Answer: _____

9. What FRACTION of the square below is shaded?

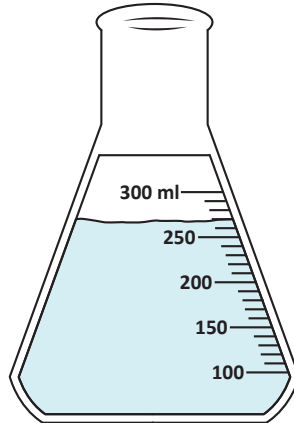


Answer: _____

10. $11^2 - \square = 25 \times 3$

Answer: _____

11. How much water is in the container below?



Answer: _____

12. How much time does the BWA601 aircraft take to complete its journey?

Aircraft	Days	Departure Time	Arrival Time
BWA520	Friday	0012	0450
BWA527	Friday	0135	0700
BWA551	Friday	0104	0551
BWA601	Thursday	2257	0425

Answer: _____

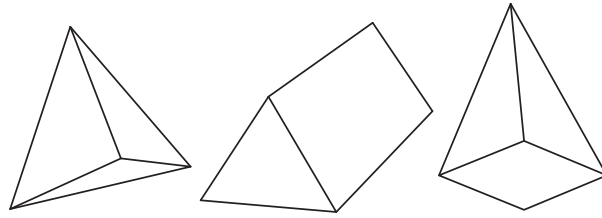
13. How many grams must be added to 3.75 kg to make 4 500 grams?

Answer: _____

14. Which of the following is most likely the length of a new pencil?

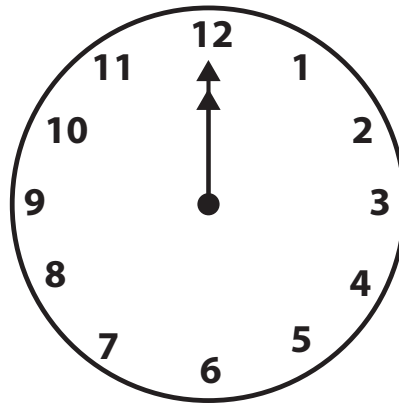
- ☐ 20 metres
- ☐ 20 centimetres
- ☐ 20 millimetres

15. Write the name of the solid that has four faces.



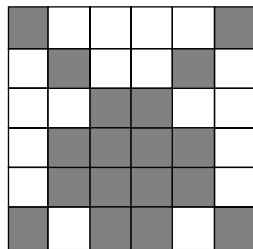
Answer: _____

16. It is 12:00 noon. How many right angle(s) does the minute hand make when it is 12:45 p.m.?



Answer: _____

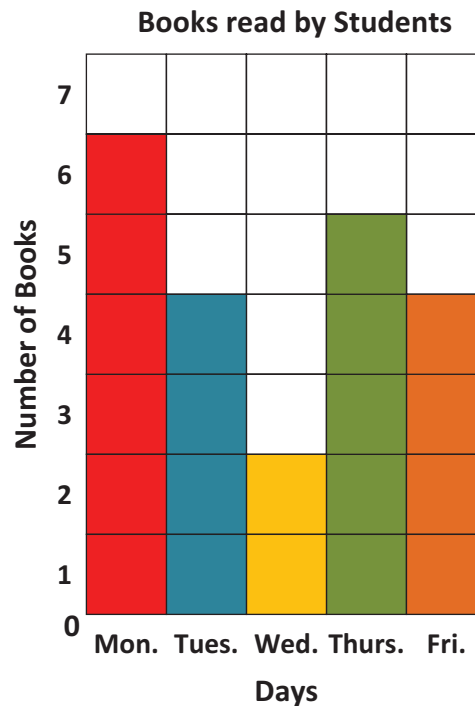
17. Draw the line of symmetry in the figure below.



18. In 4 matches a basketball player scored 14, 6, 12 and 16 points. What is the mean number of points that he scored per match?

Answer: _____

19. The block graph below shows the number of books read by students of a class from Monday to Friday.



Which day shows the mode?

20. The tally chart shows the number of different types of fruits eaten by students during the week.

Fruits	Tally
Oranges	
Bananas	
Apples	
Mangoes	

How many more mangoes were eaten than bananas?

Answer: _____

SECTION II

21. What is the missing number in the box below?

$$\frac{\boxed{}}{24} = 4\frac{7}{8}$$

(2 marks)

Answer: _____

22. In a school's storeroom there is a total of 180 chairs and tables. There are 4 times as many chairs as there are tables. If 24 chairs are left in the storeroom and the rest of the chairs were shared equally among 6 classrooms, how many chairs did each class get?

(3 marks)

Answer: _____

23. If, $\boxed{} + \triangle = 1.12$

and, $\boxed{} - \triangle = 0.54$

What is the value of $\boxed{}$?

(3 marks)

Answer: _____

24. Cindy buys the blow-dryer shown below priced at \$240.00.



15% discount

After the discount how much did she pay for the blow-dryer?

(2 marks)

Answer: _____

25. The table below shows the marks awarded for EACH correct answer in Sections I, II and III of a test.

Section	Number of marks for each correct answer
I	1 mark
II	3 marks
III	5 marks

Marlon got 17 items correct in Section I and 5 items correct in Section III. How many items did Marlon get correct in Section II if scored 78 marks in the test?

(2 marks)

Answer: _____

26. The price list shows the cost of snacks at the school's cafeteria.

Chocolate bar
\$9.00

Corn Curls
\$4.00

Red Mango
\$3.00

Diana has \$40.00 and wants to buy at least one of each kind of snack. Explain what is the maximum number of snacks she can buy.

(3 marks)

Answer:

27. In a library shelf containing 40 books, $\frac{2}{5}$ are non-fiction, $\frac{1}{4}$ are fantasy and the rest are adventure stories. How many books are adventure stories?

(3 marks)

Answer: _____

- 28.** Seventy-five percent of the vehicles in a parking lot are cars and the rest are trucks. If there are a total of 48 vehicles in the parking lot, how many trucks are there?

(2 marks)

Answer: _____

- 29.** Matthew had some marbles. 10% of them were red and the rest were green. He gave $\frac{1}{2}$ of the red marbles and 30% of the green marbles to his friends. What percentage of the marbles were given away?

(3 marks)

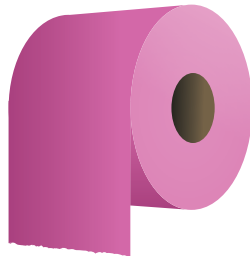
Answer: _____

- 30.** Samantha gave 20% of her mangoes to Vashti and sold $\frac{1}{4}$ of the remainder to Neil. Samantha remained with 16 mangoes. How many mangoes Samantha had at first?

(3 marks)

Answer: _____

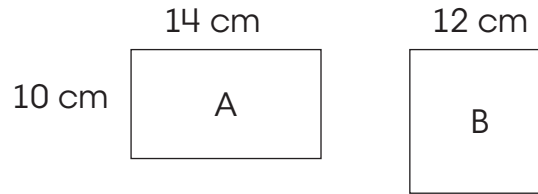
- 31.** An entire roll of ribbon was cut into 32 equal pieces of length 600 cm. What was the TOTAL length of ribbon on the roll in metres?



(2 marks)

Answer: _____

32. The diagram below shows a rectangle A and a square B.



Which of the two shapes has the greater area? Explain your answer.

(3 marks)

Answer:

33. Alex went to a sports event. The event started at 9:10 a.m. and ended at 3:10 p.m. What fraction of a whole day did Alex spend at the event?

(2 marks)

Answer: _____

34. A baker wants to make cupcakes using the recipe below.

Recipe for Cupcakes
(makes 24 cupcakes)

125 g butter
100 g sugar
250 g flour

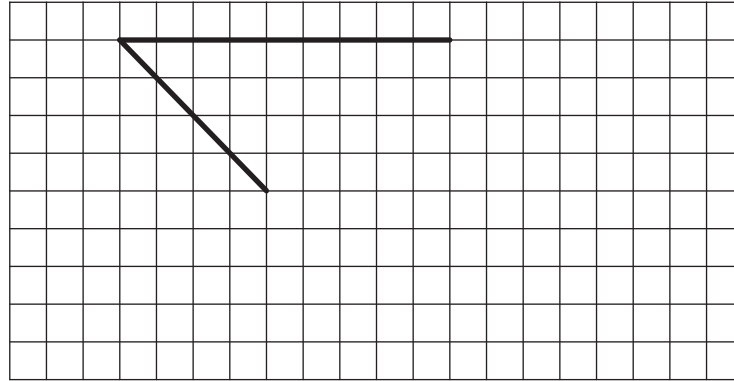


He has 400 g of butter, 250 g of sugar and 1kg of flour. What is the greatest number of cupcakes he can make?

(3 marks)

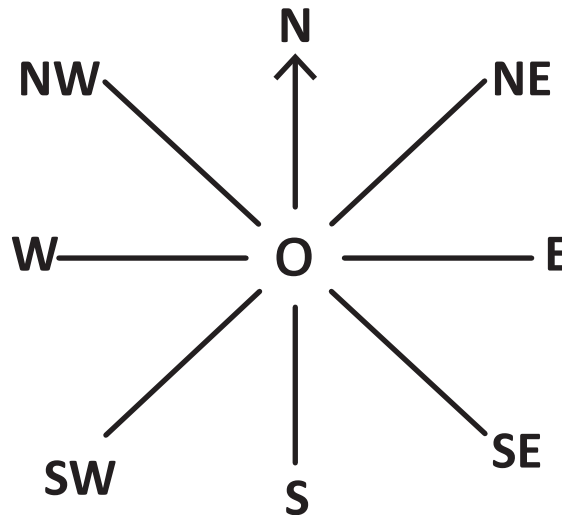
Answer: _____

35. In the square grid below, two sides of a parallelogram are drawn. Complete the shape by drawing the other sides of the shape.



(2 marks)

36. Vanessa is standing at **O**. If she makes a $\frac{1}{2}$ turn clockwise, she will face West. Where will Vanessa face if she makes a $\frac{3}{4}$ turn anti-clockwise, from her first position?



(3 marks)

37. Explain how a **rhombus** and **square** are alike and how they are different.

(2 marks)

Answer:

38. The pictograph shows the ice cream flavours chosen by a group of children.

Flavour	Number of children
Coconut	  
Soursop	    
Peanut	 

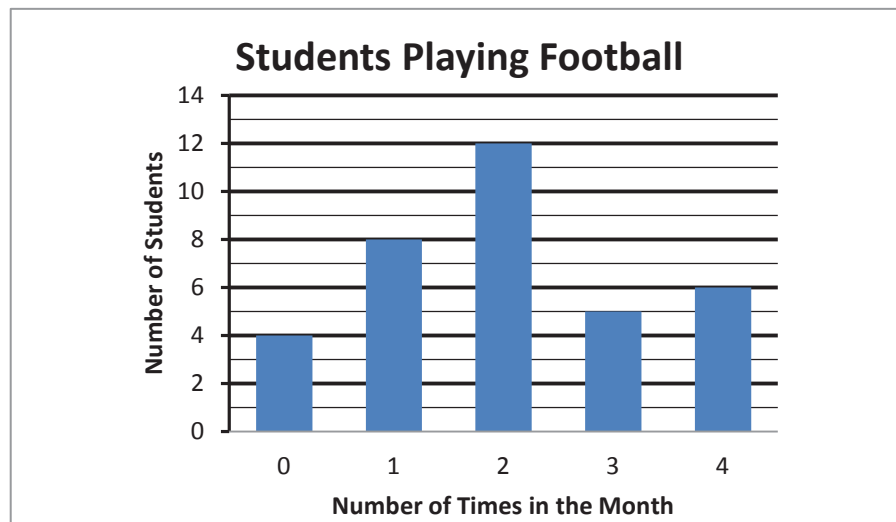
 = 4 ice cream cones

How many children were in the group?

(2 marks)

Answer: _____

39. The bar graph below shows the number of students of a Standard 5 class who played football at the savannah last month.



How many students played football more than 2 times for the month?

(2 marks)

Answer: _____

40. The mean number of runs scored by Jack in 4 cricket matches is 27. When the runs from 1 match is removed, the mean is 24. How many runs were removed?

(3 marks)

Answer: _____

SECTION III

41. Mrs. Linda made 185 more chicken pies than cheese pies. After selling $\frac{3}{5}$ of the chicken pies and $\frac{1}{2}$ of the cheese pies, she has 146 chicken pies left. How many cheese pies had she left?

(4 marks)

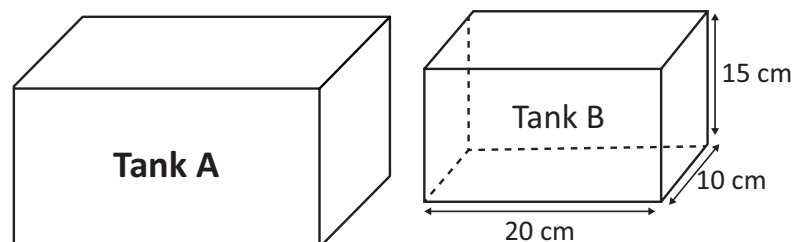
Answer: _____

42. Mrs. Doris bought 250 avocados for \$500. 40% were ripe, 50% were green and the rest were damaged and had to be thrown away. If she sells each ripe avocado for \$3.00 and each green avocado for \$2.50, what will be her profit?

(4 marks)

Answer: _____

43. Tank A was full of water before $\frac{2}{5}$ of the water was poured into Tank B. Now Tank B is 70% full.



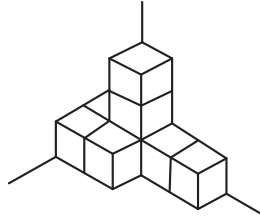
What is the capacity of tank A in litres?

$$1000 \text{ cm}^3 = 1 \text{ litre}$$

(4 marks)

Answer: _____

44. Eight identical cubes are stacked together to form the solid shown below.

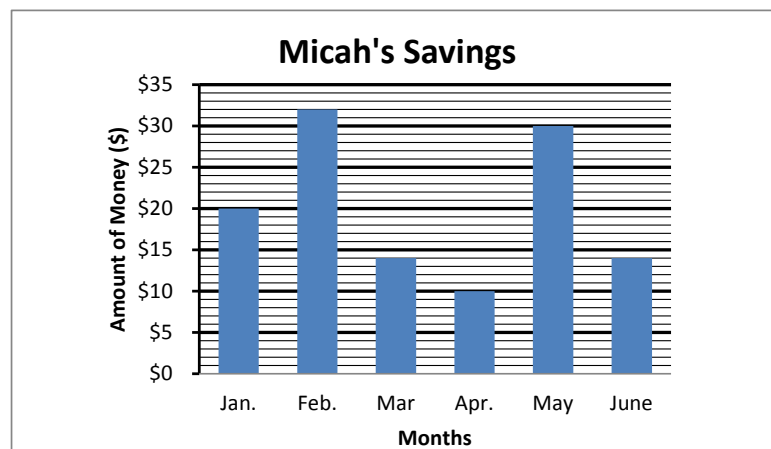


How many faces of the cubes are hidden from view?

(4 marks)

Answer: _____

45. The bar graph shows Micah's savings for the first half of the year.



- (a) In which month did Micah save $\frac{1}{4}$ of the total amount of money that was saved for the six months?

(3 marks)

Answer: _____

- (b) If Micah wanted to save \$150 at the end of 6 months, how far is he from this amount of money?

(1 mark)

Answer: _____

PRACTICE TEST 4

READ THE FOLLOWING DIRECTIONS CAREFULLY

1. This test is divided into **THREE** sections.
2. Make sure you read the instructions before you start to work on any section.

SECTION I

1. Write the numeral which represents:

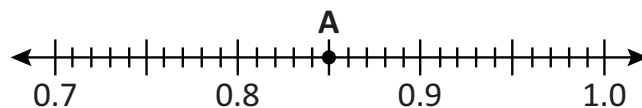
$$(8 \times 10\,000) + (7 \times 100) + (3 \times 10) + (4 \times \frac{1}{100})$$

Answer: _____

2. A number when rounded to the nearest thousand, is 45 000. What is the greatest possible number?

Answer: _____

3. What number can be found at Point A on the number line below?



Answer: _____

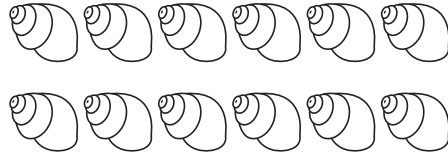
4. $9\,583 \div 37 =$

Answer: _____

5. 0.3 of a number is 45. What is the number?

Answer: _____

6. Shade $\frac{3}{4}$ of the set of shells.



7. Express $7\frac{3}{4}$ as an IMPROPER fraction.

Answer: _____

8. Use the digits below to write the largest two-digit number which is a multiple of 4.

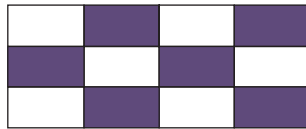
4, 6, 9

Answer: _____

9. $1\,238 \times 72 =$

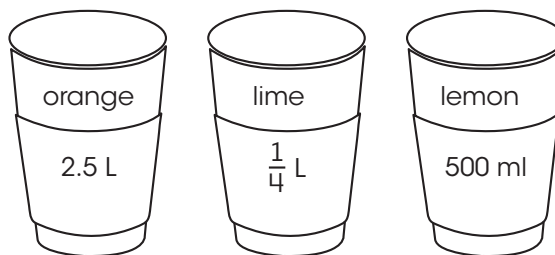
Answer: _____

10. What percent of the shape is shaded?



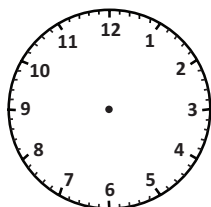
Answer: _____

11. Mala mixed the juices below to make a fruit punch. How much fruit punch did she make?



Answer: _____

- 12.** A bus left the station at 2200 hours and arrived at its destination $2\frac{1}{4}$ hours later. Draw the hands on the clock to show what time it arrived.



- 13.** 40.08 kilograms = _____ grams.

Answer: _____

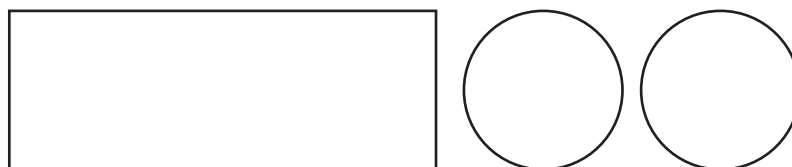
- 14.** Tick is the best unit for measuring the area of a football field?

☐ centimetres

☐ metres

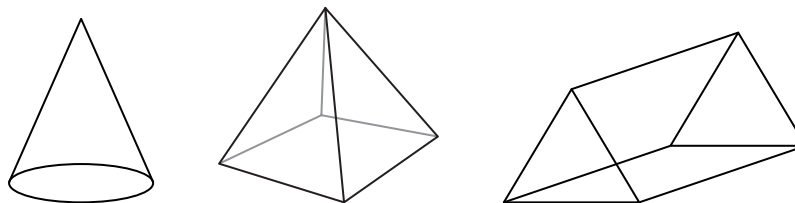
☐ kilometres

- 15.** Name the solid that can be formed using all of the faces below.



Answer: _____

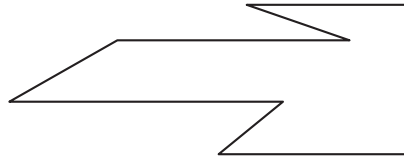
- 16.** Write the name of the solid below, which has a uniform cross section.



Answer: _____

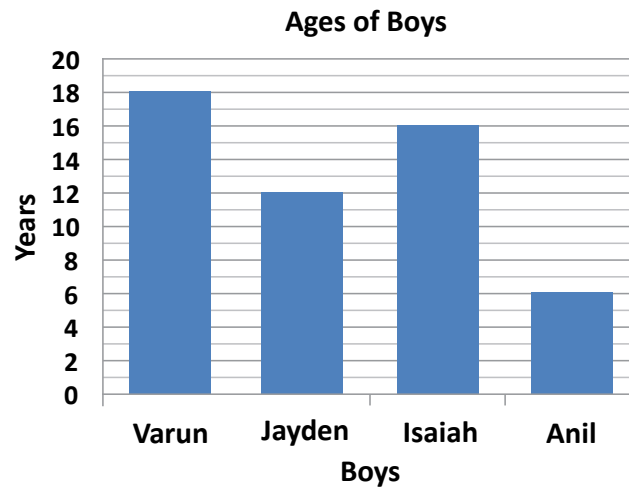
17. Study the polygon below. How many angles inside the polygon are smaller than a right angle.

(3 marks)



Answer: _____

18. The bar graph below shows the ages of four boys.



Calculate the MEAN age of the four boys.

19. 15 students were asked to choose their favourite number from 1 to 5. The table below shows the results.

Favourite Number	1	2	3	4	5
Number of Students	3	5	3	1	3

How many children chose an odd number as their favourite number?

Answer: _____

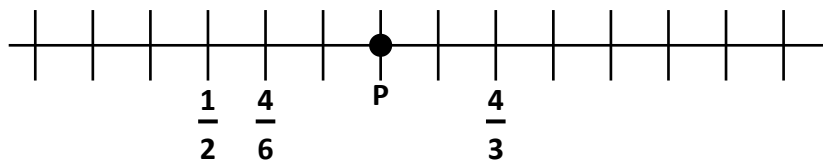
20. The tally chart below shows the type of breakfast 25 infant students prefer.

Type of Breakfast	Tally
Corn Flakes	
Oatmeal	
Bread and Eggs	
Bake and Pumpkin	

Complete the chart.

SECTION II

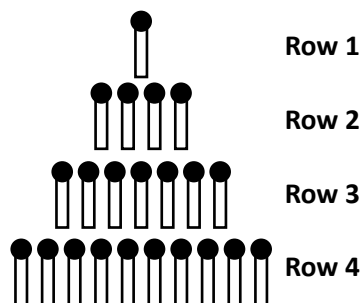
21. Write the fraction that is at Point P on the number line below.



(2 marks)

Answer: _____

22. Matchsticks are laid out in a pattern as shown below.



How many matchsticks will I need altogether to form a total of 10 rows?

(3 marks)

Answer: _____

- 23.** Martin spends $\frac{3}{5}$ of his money on sandwich, $\frac{1}{4}$ of what remains on a juice and the rest on a snack. What percent of his money did he spend on the snack?

(3 marks)

Answer: _____

- 24.** Mangoes are sold 5 for \$8.00. What is the maximum number of mangoes Mrs. Lewis can buy with \$34.20?



(2 marks)

Answer: _____

- 25.** Using all of the digits below, what is the 4-digit number that will give the smallest possible answer, when subtracted from 6 000?

9 0 6 5

(2 marks)

Answer: _____

- 26.** Ritesh has 35 marbles that are green, white or blue in colour. He has 21 green ones, and an equal number of white and blue ones. What percentage of his marbles is blue?

(3 marks)

Answer: _____

- 27.** Wong Long restaurant can seat 96 persons. It has tables that can seat 2, 4 or 6 persons. There are 6 tables that can seat 6 persons and 12 tables that can seat 4 persons. How many tables are there that can seat 2 persons?

(3 marks)

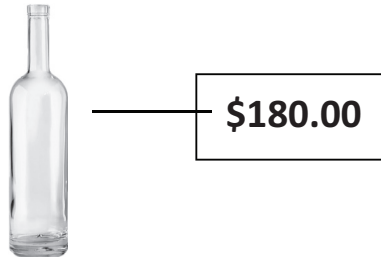
Answer: _____

- 28.** Anil bought a book and a pen. The cost of the pen is 60% the price of the book. The book costs \$10.00 more than the pen. How much money did Anil pay for both items?

(3 marks)

Answer: _____

- 29.** The diagram below shows the cost of a bottle of medicine. Pensioners are given a discount of 40% on this type of medicine.



How much will a pensioner pay for a bottle of this medicine, if 12.5% VAT is added at the cashier?

(2 marks)

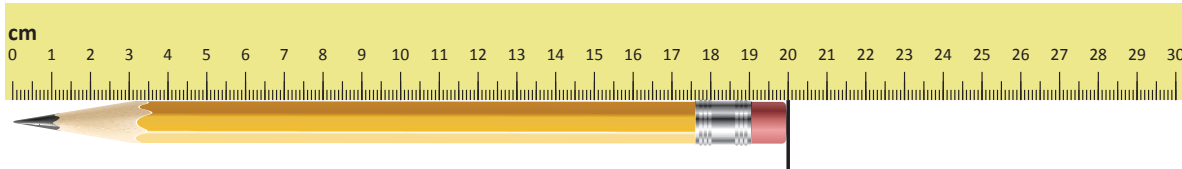
Answer: _____

30. Chairs are arranged in rows of 16 in a school hall. There are 15 rows of chairs in the hall. How many more rows of chairs are needed if there are 432 children to be seated?

(3 marks)

Answer: _____

31. The picture below shows the length of Christian's pencil on Monday.



If on Friday the pencil is 25% shorter, what will be the length of his pencil then?

(2 marks)

Answer: _____

32. The table below shows the car park rates.

Duration	Charges
First hour or part thereof	\$3
Subsequent half hour or part thereof	\$2

Mr. Gaya parked his car at 2:00 p.m. and when he returned he was charged \$9. What is the latest time he could have returned?

(2 marks)

Answer: _____

- 33.** A rectangular box has a volume of 225 cm^3 . The perimeter of its square base is 20 cm. What is the height of the box?

(3 marks)

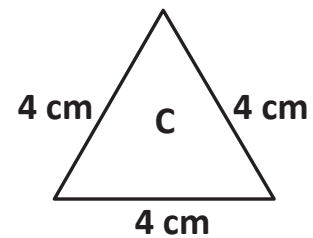
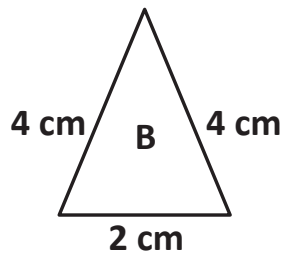
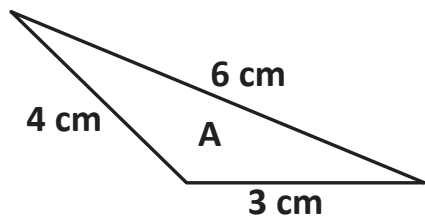
Answer: _____

- 34.** 250 ml bottles are filled with purified water and packed into cases of 12. How many cases can be filled from a 10-litre container of purified water?

(3 marks)

Answer: _____

- 35.** Use the shapes given to complete the table below.



Triangle	Type of Triangle
Triangle A	
Triangle B	
Triangle C	

(3 marks)

36. The basic shape of a fence post is made of two solids. Name the solids.

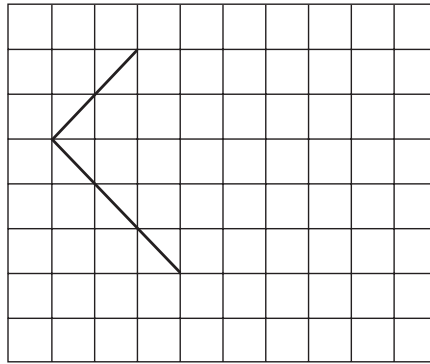


(2 marks)

Answer: _____

37. Complete the shape shown in the diagram by drawing the other sides to form a quadrilateral with one pair of parallel sides.

(2 marks)



38. The pictograph below shows the 100 cars that were caught speeding over a five-day period.

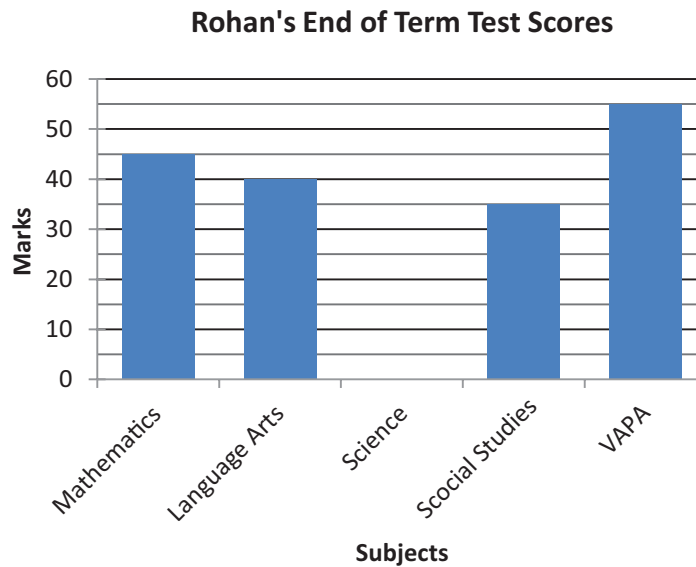
Monday	    
Tuesday	 
Wednesday	   
Thursday	  
Friday	     

How many cars does the symbol  represent?

(2 marks)

Answer: _____

39. The incomplete graph below shows the marks Rohan scored during an End of Term Test.



Rohan scored a total of 225 marks for the test. Complete the graph to show how many marks he scored in Science.

(2 marks)

40. Maya has to complete 4 tests in the Mental Mathematics competition. The scores for Maya's first three tests are shown below.

Tests	Score
Test 1	13
Test 2	18
Test 3	20
Test 4	?

Maya will qualify for the Semi-Final Round if her mean score is 20 or more. What is lowest score Maya must make to qualify for the Semi-Final Round?

(3 marks)

Answer: _____

-

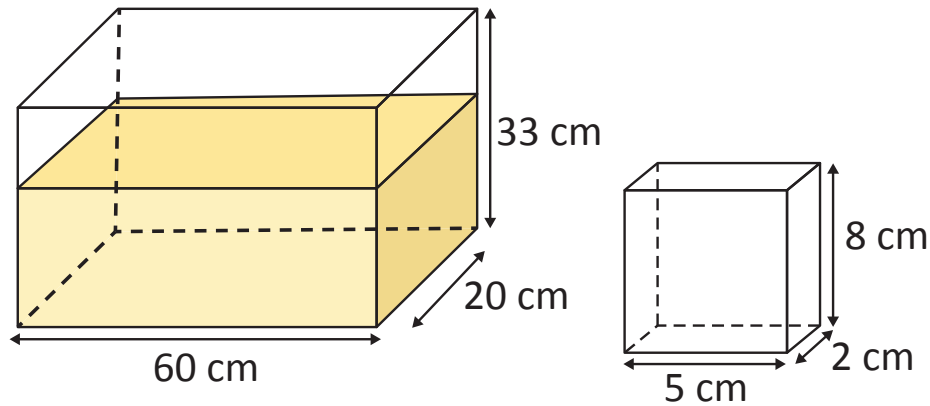
(4 marks)

[illegible]

- (4 marks)

—

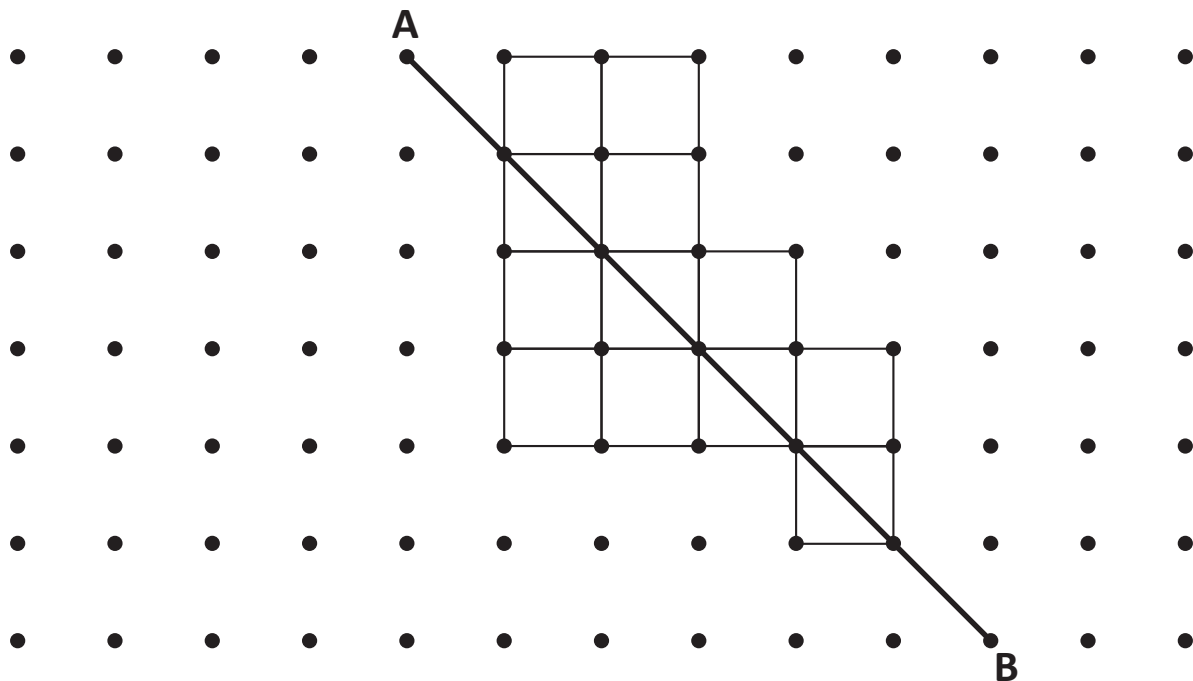
43. A rectangular container measuring 60 cm by 20 cm by 33 cm is $\frac{7}{10}$ filled with fruit juice. All the juice from the tank is poured into rectangular cartons measuring 5 cm by 2 cm by 8 cm to the brim. What is the height of the juice in the last carton?



(4 marks)

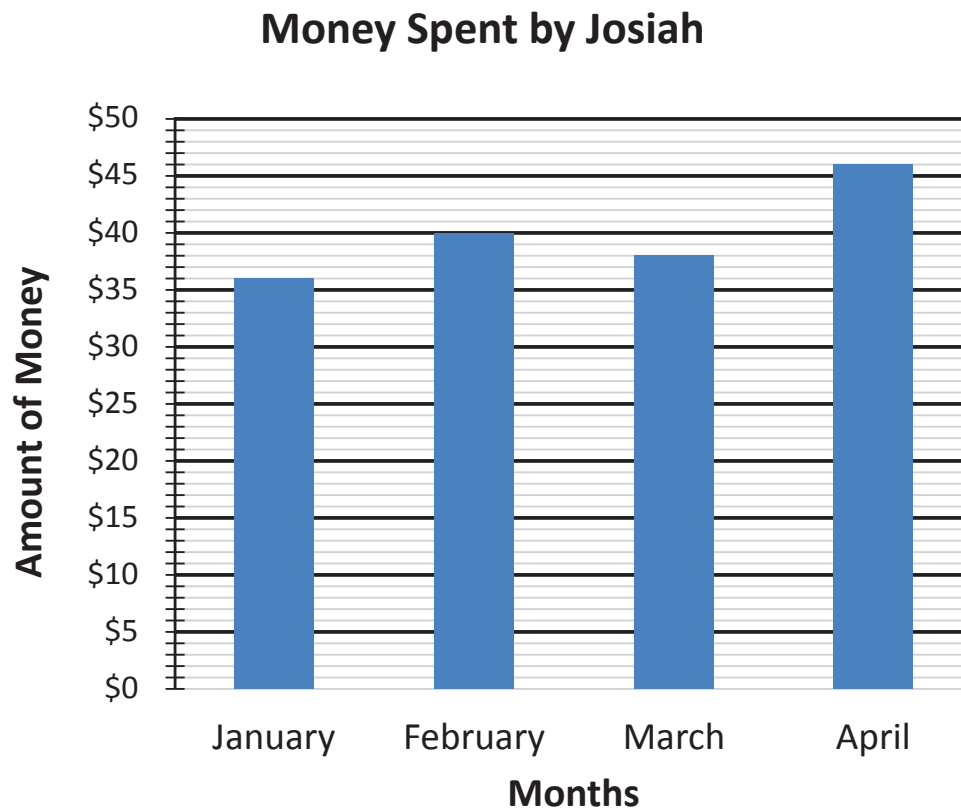
Answer: _____

44. The figure below shows 12 identical squares. Add 4 other squares so that line AB becomes a line of symmetry.



(4 marks)

45. The bar graph below shows the amount of money Josiah spent each month from his monthly \$80 allowance.



- (a) In which month did Josiah spend more than half of his allowance?

(1 mark)

Answer: _____

- (b) If Josiah saved the rest of his allowance each month, what percentage of his total allowance did he save over the 4 months?

(3 marks)

Answer: _____

PRACTICE TEST 5

READ THE FOLLOWING DIRECTIONS CAREFULLY

1. This test is divided into **THREE** sections.
2. Make sure you read the instructions before you start to work on any section.

SECTION I

1. What is the value of 2 ones, 8 tenths and 14 hundredths?

Answer: _____

2. What is 9 tens more than 99 190?

Answer: _____

3. Complete the table below to show the **LEAST** number of bills that has a total value of \$92.

Bill	\$100	\$50	\$20	\$10	\$5	\$1
Number of Bills						

4. What is 30% of \$240?

Answer: _____

5. $\frac{1}{4} \times \square + 7 = 15$.

What is the missing number?

Answer: _____

6. Write these numbers in order from smallest to largest.

0.53, $\frac{1}{10}$, $\frac{1}{2}$, 0.4

Answer: _____

7. Round 16 641 to the nearest **hundred**.

Answer: _____

8. What is the sum of all the factors of 18?

Answer: _____

9. What number must be added to 5 347 to make 7 543?

Answer: _____

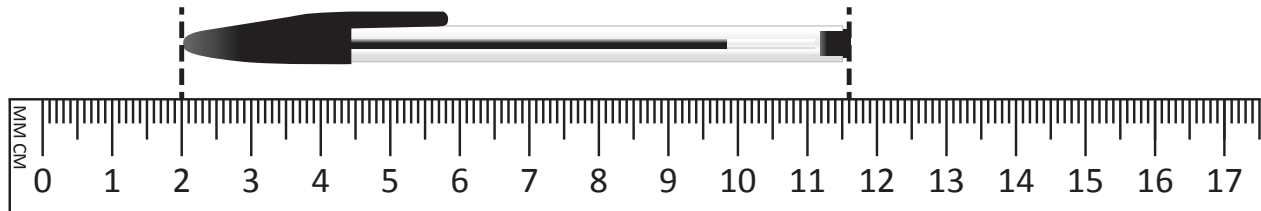
10. Express $2 + \frac{7}{10} + \frac{8}{100}$ as a single decimal fraction.

Answer: _____

11. 3 090 grams = kilograms

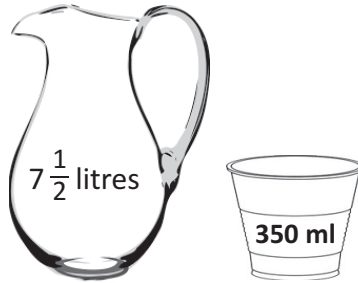
Answer: _____

12. What is the length of the pen to the nearest centimetre?



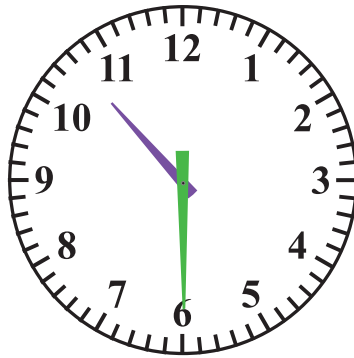
Answer: _____

13. How many cups of juice can you get from the jug?



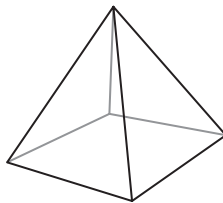
Answer: _____

14. The clock shown below is 35 minutes slow. What is the actual time?



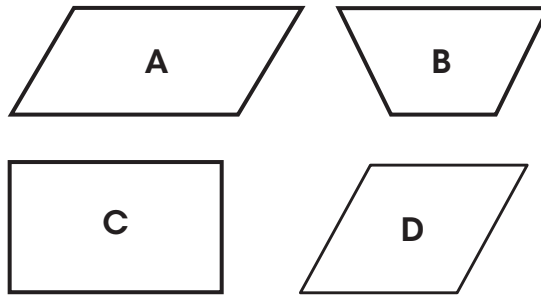
Answer: _____

15. Name the shape of the solid shown.



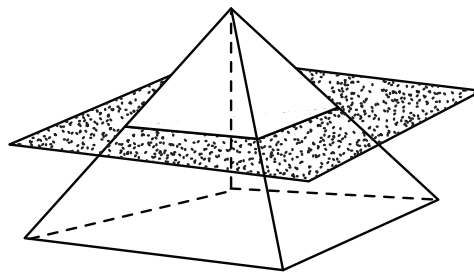
Answer: _____

16. Name the quadrilateral below that has 4 right angles.



Answer: _____

17. A cross section is cut from the solid below. Write the name of the shape of the cross section?



Answer: _____

18. The heights of a group of students are given in the table below. What is the modal height?

Name of students	Maria	Jim	Varun	Darius	Ritesh	Belle
Height in cm	121	134	120	134	138	115

Answer: _____

19. The chart shows the number of ochros harvested from 4 ochro plants.

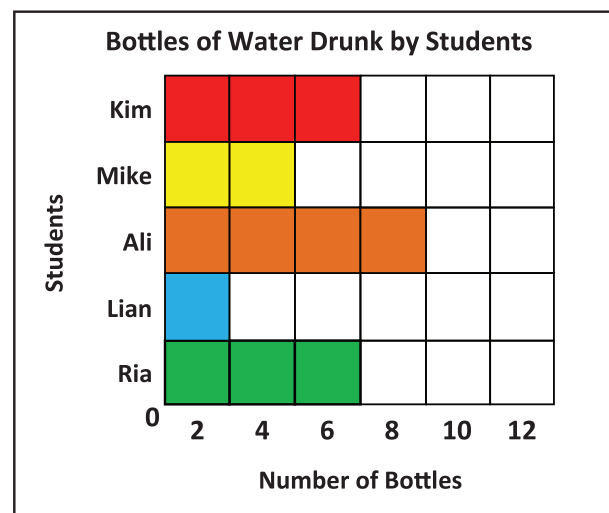
Ochro Plant Yield

Plants	Tally	Frequency
Plant 1		16
Plant 2		12
Plant 3		17
Plant 4		11

What is the mean number of ochros harvested from each plant?

Answer: _____

20. The graph below shows the amount of water that 5 students drank.

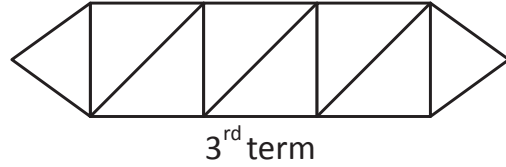
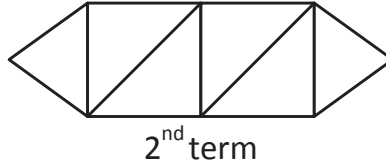
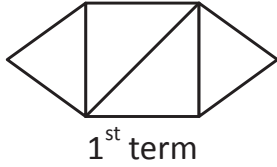


How many more bottles of water Ria drank than Lian?

Answer: _____

SECTION II

- 21.** Ali made the pattern below with toothpicks.



He wants to continue the pattern to the 5th term. He has 10 toothpicks. How many more toothpicks does he need to complete the pattern?

(3 marks)

Answer: _____

- 22.** Aliyah spent \$42.00 on an equal number of oranges and limes. Each orange costs \$1.95 and a lime costs \$1.05. How many fruits did he buy altogether?

(2 marks)

Answer: _____

- 23.** Lal planted 124 sweet pepper seedlings. Shammi planted 26 more than Lal and 46 less than Ralph. Calculate the number of sweet pepper seedlings planted ALTOGETHER.

(2 marks)

Answer: _____

- 24.** Joshua gets a daily allowance of \$30. Each day he spends 60% of his allowance and saves the rest. Calculate the amount he saves each week.

(2 marks)

Answer: _____

- 25.** Errin has to multiply 385 by 17. She mistakenly multiplies 385 by 27 correctly. What is the difference between Errin's answer and the answer she should have gotten if she had used the correct multiplier?

(3 marks)

Answer: _____

- 26.** A dining set with a marked price of \$4 000 is being sold at a 20% discounted price. Calculate the final price of the dining set if Mr. Roopnarine is charged 12.5% VAT.

(3 marks)

Answer: _____

- 27.** Ms. Noel packed party bags for her students' end-of-term party. In each bag she puts 5 snacks and 3 fruits. In total she packed 80 snacks. How many fruits did she pack in all the bags?

(2 marks)

Answer: _____

- 28.** Maria baked a cake and gave $\frac{1}{2}$ of it to her mother. She ate $\frac{1}{4}$ of the remaining cake. Then she cut the rest of the cake into 2 equal pieces for her two daughters. What fraction of the cake did each daughter get?

(3 marks)

Answer: _____

- 29.** Mr. Maraj worked 8 hours one day and shared the money he earned equally among his 4 children. One child bought a book for \$22.80 with his share of the money and had \$47.20 left. If Mr. Maraj worked for the same amount of money each hour, how much was his hourly pay?

(3 marks)

Answer: _____

30. At a football match, $\frac{1}{3}$ of the spectators were men, $\frac{1}{4}$ were women and the rest were children. If there were 300 more children than women, how many spectators were at the football match?

(3 marks)

Answer: _____

31. Richard's school starts at 8:30 a.m. He takes 35 minutes to complete his chores, 30 minutes to get ready for school and 15 minutes to walk to school. What is the LATEST time he can get up to reach to school on time?



(2 marks)

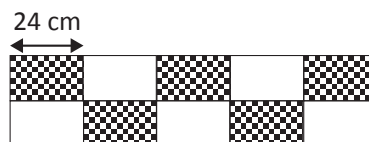
Answer: _____

32. Jenny used $\frac{2}{5}$ of a pack of flour to make bake, 210 grams of the flour to make accra and had 150 grams of flour left. How much flour was used for the bake?

(2 marks)

Answer: _____

33. Ten rectangular tiles of the same size are used to cover a counter with a perimeter of 3 m. The length of each rectangular tile is 24 cm. What is the area covered by the patterned tiles?



(3 marks)

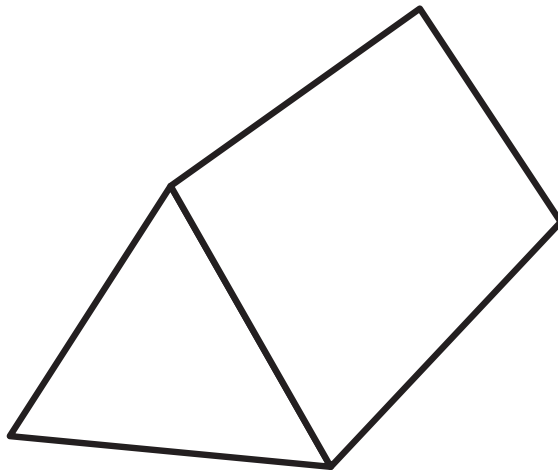
Answer: _____

34. A cuboid shaped container measuring 30 cm long, 12 cm wide and 20 cm high is filled with 2.2 litres of water. How many more millilitres of water must be added to the container such that it will be $\frac{2}{5}$ full?

(3 marks)

Answer: _____

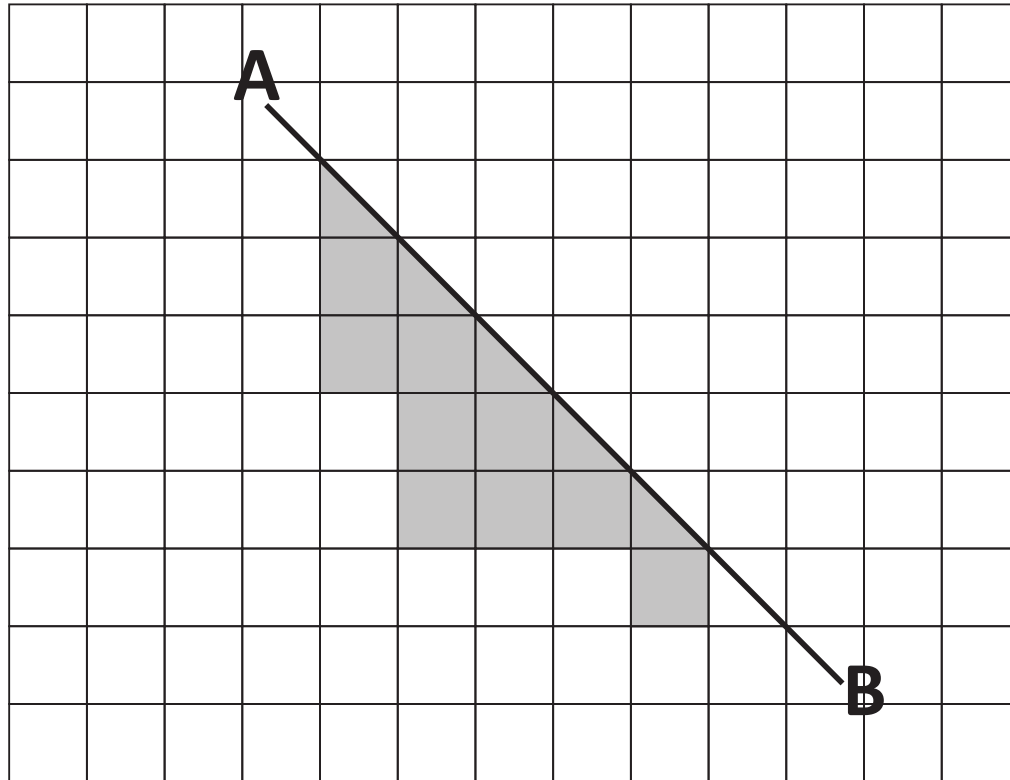
35. Draw the plane shapes in the box that make up the faces of the solid below.



(2 marks)



36. Complete the shape so that AB becomes a line of symmetry.

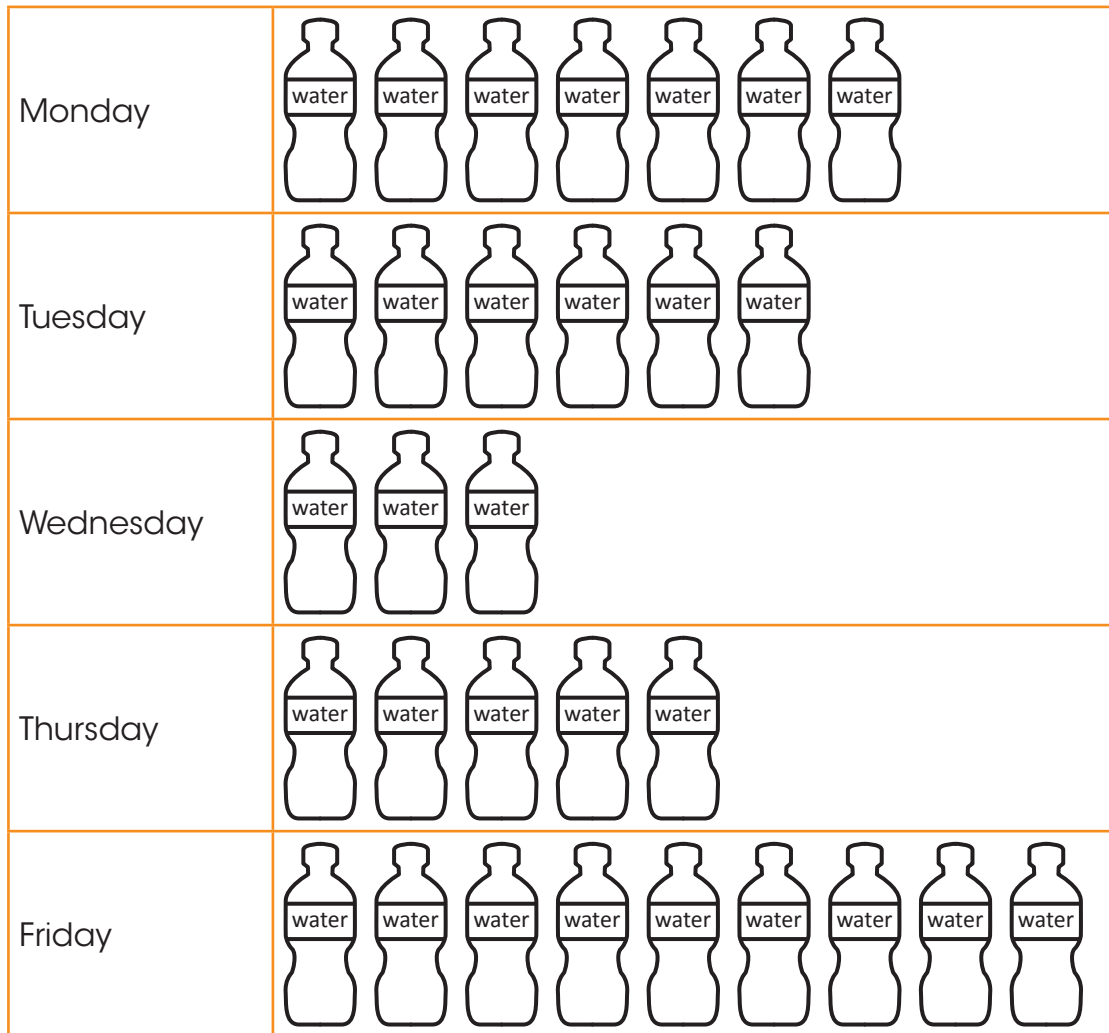


37. Write one property of each shape to complete the table.

(3 marks)

Shape	Name of Shape	Properties
	rectangle	
	parallelogram	
	trapezium	

38. The pictograph below shows the bottles of water sold by a school's cafeteria in one week.

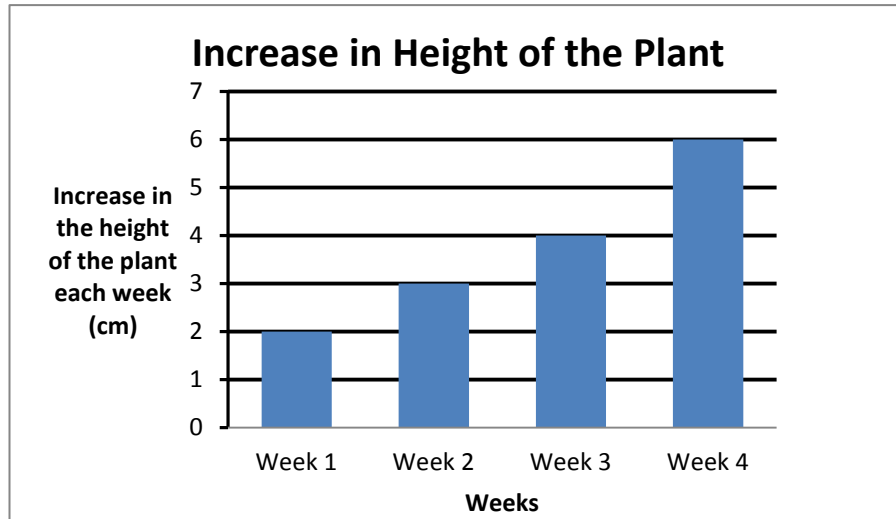


The cafeteria sold 60 bottles of water in that week. How many more bottles of water were sold on Friday than on Wednesday?

(2 marks)

Answer: _____

39. The bar graph below records the increase in height of a plant over four weeks.



If Ali bought the plant at 12 cm in height, in which week was the plant 21 cm in height?

(3 marks)

Answer: _____

40. The table below shows the marks obtained by five students for a Mathematics test.

Students	Marks
Jordan	45
Christian	37
Aisha	46
Malik	24
Maya	33

Which student(s) obtained more than the mean mark for the group?

(2 marks)

Answer: _____

SECTION II

41.



**Queen's Park
Zoo**

Tickets are priced at:

\$25 for each adult

\$20 for each child

For every 2 adults and 3 children tickets bought, a \$10 discount will be given.

Four teachers took a class of 30 children to the Zoo. What is the minimum cost of all the tickets to be bought?

(4 marks)

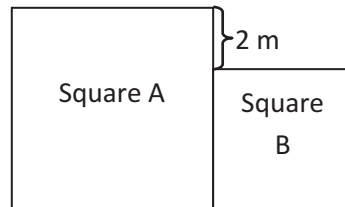
Answer: _____

42. Mr. Jones saves 40% of his salary every month. He gives his wife $\frac{8}{10}$ of the remainder and divides what is left equally among his two sons and two daughters. If his two daughters receive a total of \$480 from him, what is Mr. Jones monthly salary?

(4 marks)

Answer: _____

43. The figure below, which shows the floor of a room, is made up of two squares. The perimeter of Square A is 28 m.



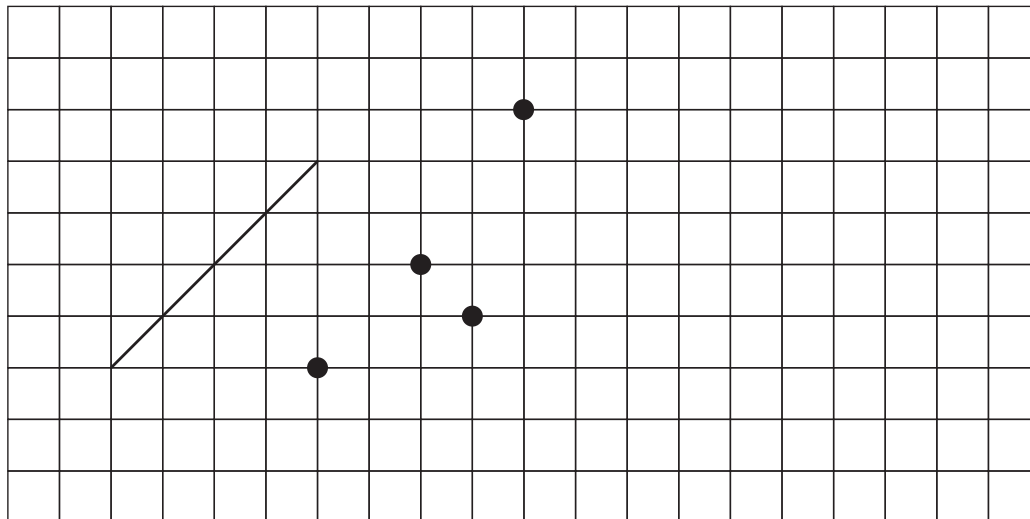
The owner has 50 m² of carpet which cost \$399.95 per square metre. How much money does he need to buy the remaining piece of carpet to completely cover the floor space?

(4 marks)

Answer: _____

44. (a) Using the line below, join one of the dots to both ends of the line to form a triangle that has one of the angles greater than a right angle.

(3 marks)

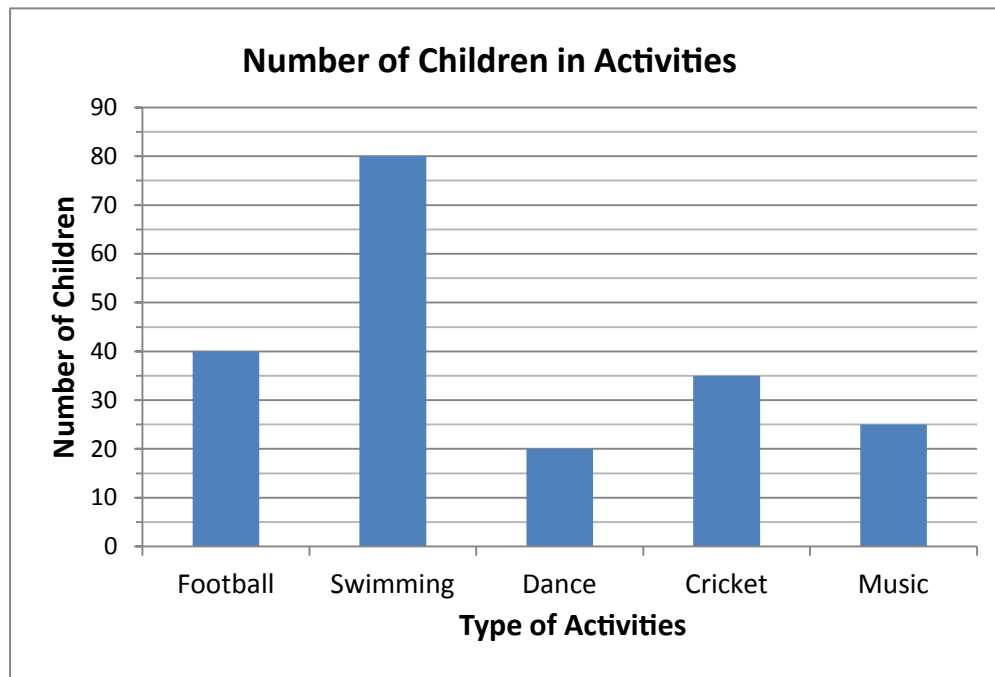


- (b) What is the name of the triangle formed?

(1 mark)

Answer: _____

45. The graph below shows the number of children that take part in the activities at a Recreation Centre.



- (a) The number of children in Football, Dance, Cricket and Music was adjusted so that each of these activities had the same number of children. How many children are in Music now?

(2 marks)

Answer: _____

- (b) What percentage of the children are in Swimming?

(2 marks)

Answer: _____