



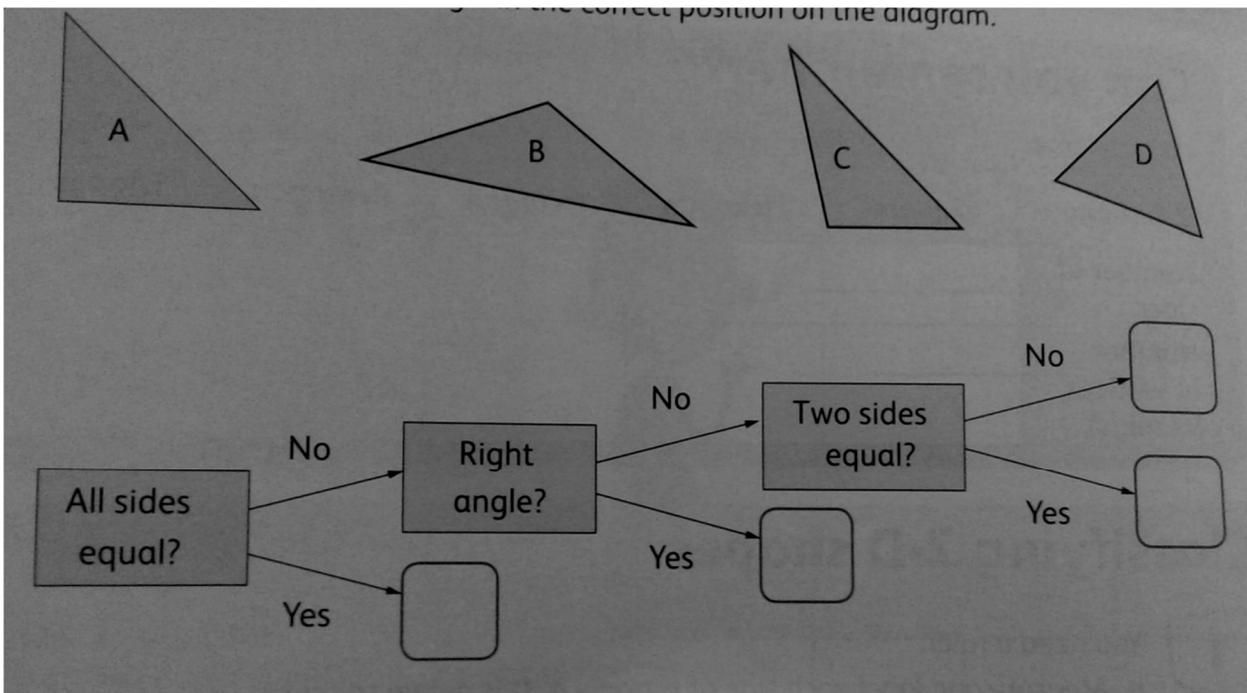
Name: _____ Grade: IV Roll No: _____ Date: _____

1. Sally is using a calculation to find perimeters of different regular shapes.

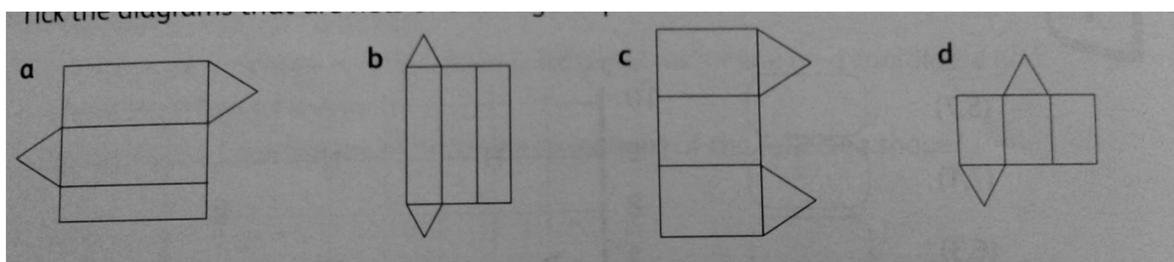
Fill in the missing information.

Formula (side length \times number of sides)	7cm \times 6	9cm \times 4	12cm \times 8	15cm \times 5
Name of regular shape			octagon	
Length of perimeter (cm)				75 cm

2 Write the letter of each triangle in the correct position on the diagram.



3. Tick the diagrams that are nets of a triangular prism.



4. Write the letters you find at each of these coordinates to make a mathematical word.

(5, 7) _____

(7, 1) _____

(6, 3) _____

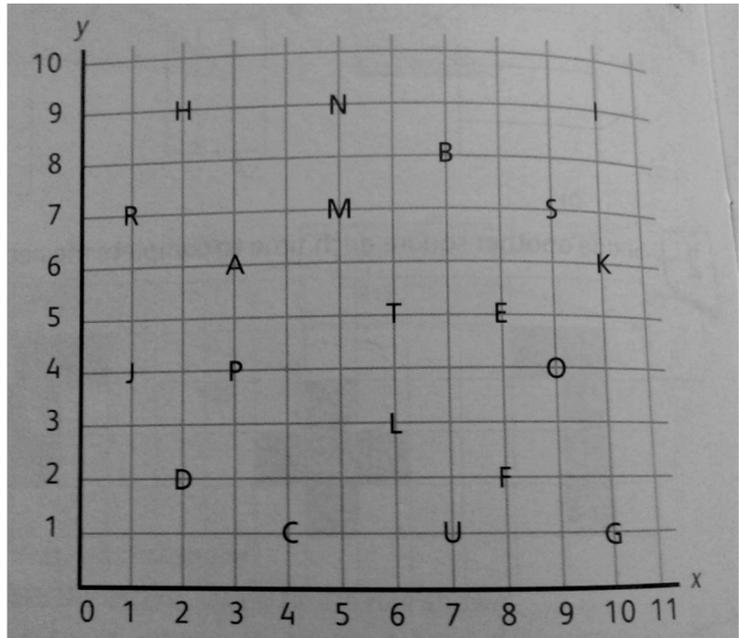
(6, 5) _____

(10, 9) _____

(3, 4) P

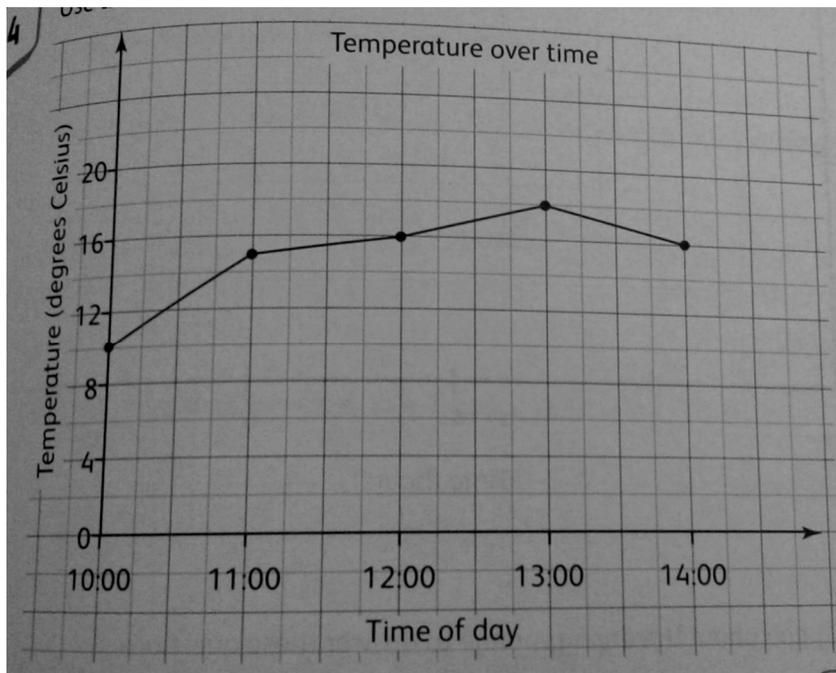
(6, 3) _____

(8, 5) _____



The mathematical word is

5. Use the line graph to answer the questions.



a) How much higher is the temperature at 14:00 than at 10:00?

.....

b) Complete the table to show the temperature at these times.

Time	10:15	11:00	12:30	13:00	13:30
Temperature (°C)					

c) At what time approximately does the temperature reach 14°C ?

6. Calculate and name the missing angle as 'acute' or 'obtuse'

Do not use a protractor.

Angle a = ° Angle b = ° Angle c = °

Name: _____ Name: _____ Name: _____

7. Bhumit has six boxes with a different object hidden in each one.

He asks Oliver to choose one box. Oliver picks a box without looking inside it.

Object	A	B	C	D	E	F
Mass	100 g	0.25 kg	0.5 kg	150 g	200 g	400 g

Fill in the blanks using impossible, unlikely, likely, even chance or certain.

- Probability of picking a mass that is lighter than 100 g is
- Probability of picking a mass that is a multiple of 100 g is
- Probability of picking a mass that is a multiple of 50 g is
- There is of picking a mass less than 225 g



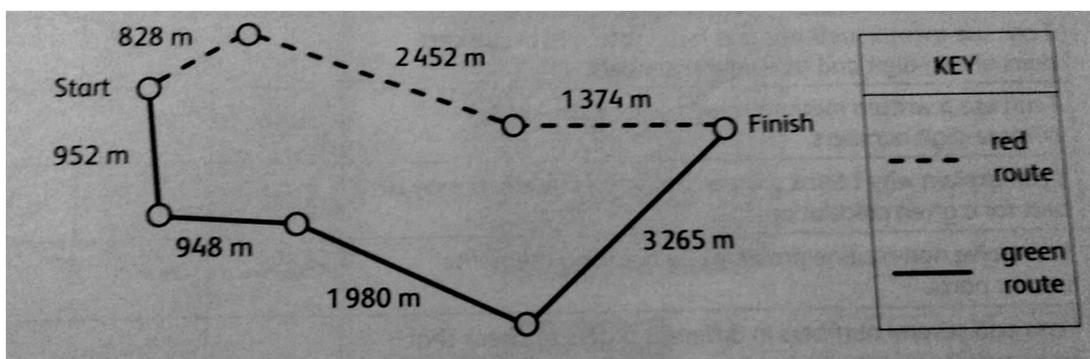
Name: _____ Grade: IV Roll No: _____ Date: _____

1. Join the numbers with the correct digit value. One has been done for you.

56721
155217
655172
65127
515712

7 thousands
7 tens
10 thousands
6 thousands
60 thousands
2 hundreds

2 Tourists can choose to go on either the red route or the green route for a sightseeing tour around a city. Each route is split into shorter parts.



How long is the red route?m

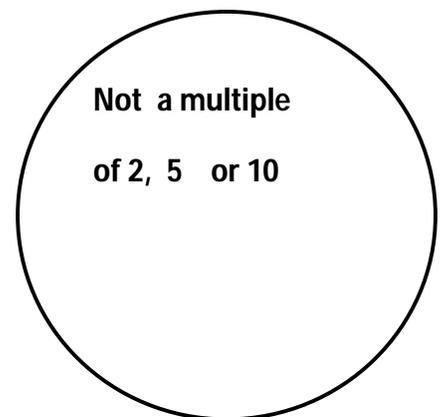
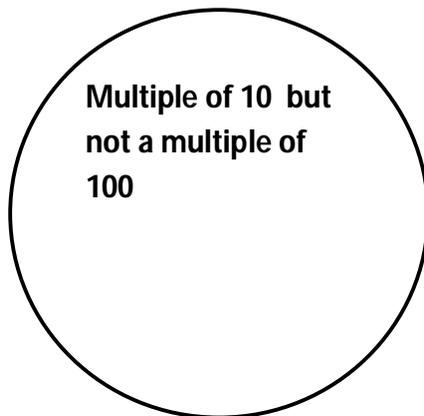
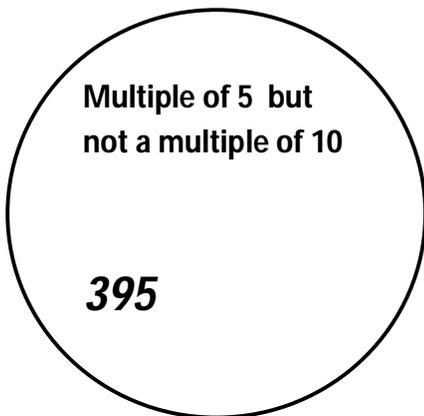
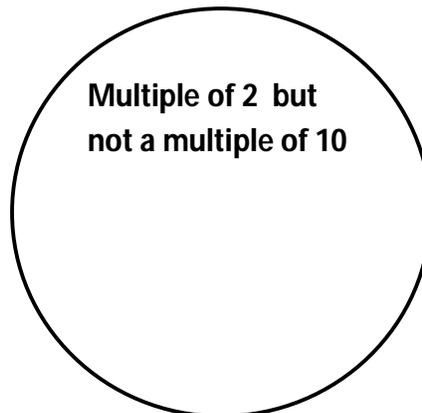
How long is the green route?m

What is the difference between the lengths of two routes?m

3. Sort the numbers in the box and put them into circles with correct heading.

One number has been done for you.

557	81	234
168	395	180
186	100	45
72	1000	147
900	540	500



Which numbers are left?

4. A container holds 924 grams of rice. The rice is shared equally between smaller bags. What mass of rice is in each bag?

924 grams shared equally between:				
Bags	3 bags	4 bags	6 bags	7 bags
Mass of rice in each bag (grams)				

5. Write the temperatures in order from lowest to highest.

-1°C

3°C

-13°C

7°C

-6°C

Lowest highest

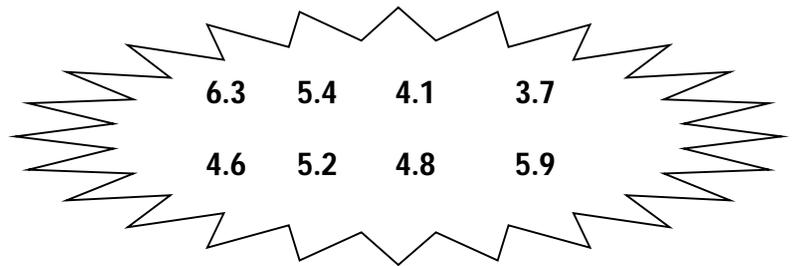
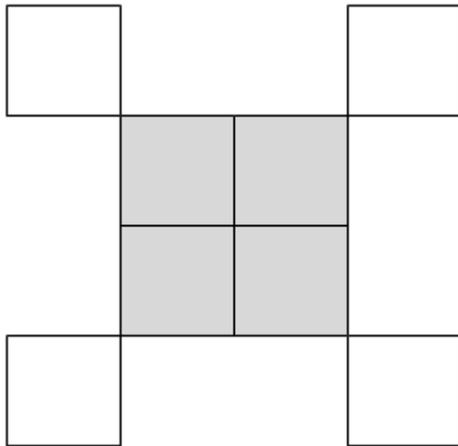
Calculate the difference between the lowest and highest temperatures.

.....

The difference between two temperatures is 5° .

What are those two temperatures ? $^{\circ}\text{C}$ and $^{\circ}\text{C}$

6. Arrange the numbers in the diagram so that the total of the shaded squares and the total of each diagonal of four squares is 20.



7. Use rounding and adjusting to complete these calculations.

Show your working.

$$\boxed{19 \times 6} = \begin{array}{r} 20 \times 6 = 120 \\ - 1 \times 6 = 6 \\ \hline 19 \times 6 = 114 \end{array} = \boxed{114}$$

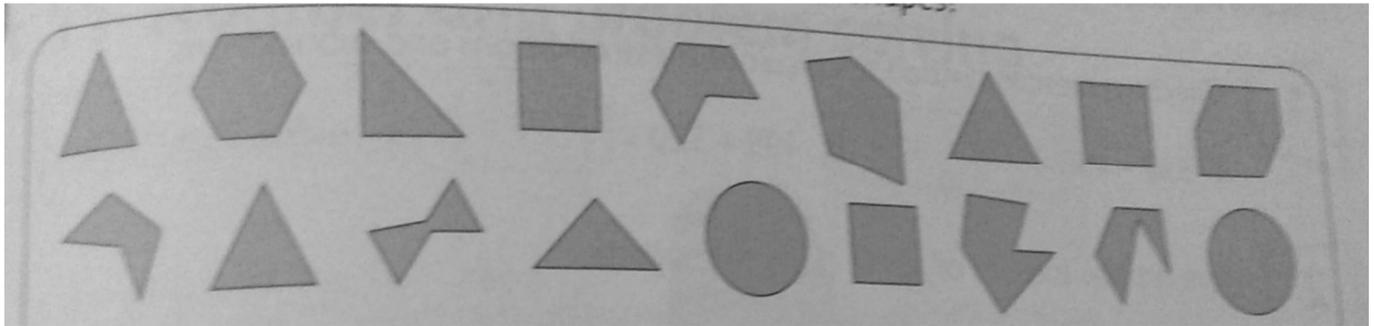
$$\boxed{12 \times 19} = \boxed{} = \boxed{}$$

$$\boxed{21 \times 8} = \boxed{} = \boxed{}$$

8. Complete the table of mixed numbers and improper fraction equivalents.

Mixed number	$1\frac{1}{2}$		$1\frac{2}{5}$		$2\frac{3}{4}$
Improper fraction		$\frac{7}{4}$		$\frac{11}{8}$	

9. What proportion of the whole group is each of these shapes?



	Triangles	Hexagons	Circles	More than 4 sides	Squares	Not squares
Proportion					$\frac{3}{18} = \frac{1}{6}$	

10. Work out the amounts.

20% of 120 =

$\frac{2}{5}$ of 90 =

75% of 400 =

$\frac{3}{7}$ of 28 =