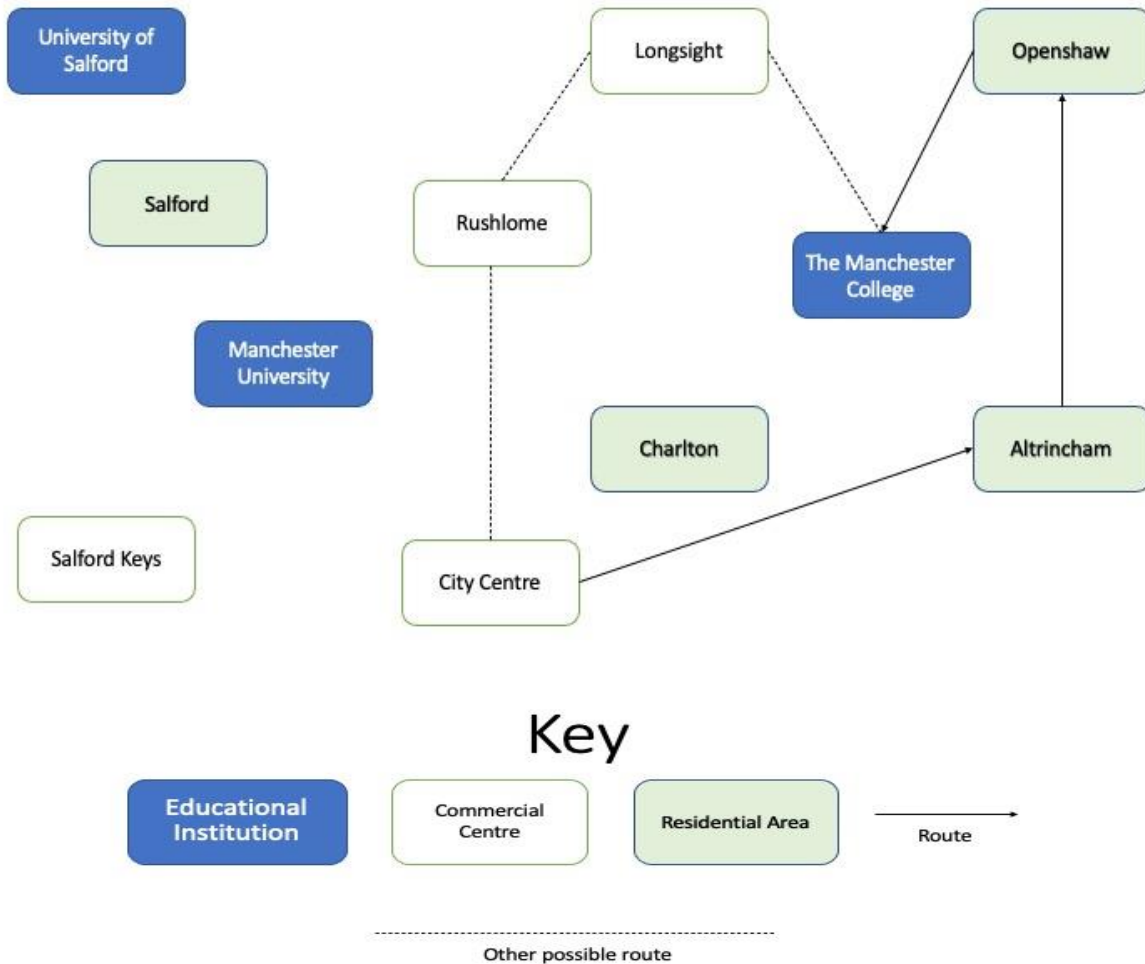




Maths Riddles 7



Q.1. Look at the route map and the key and answer the questions.



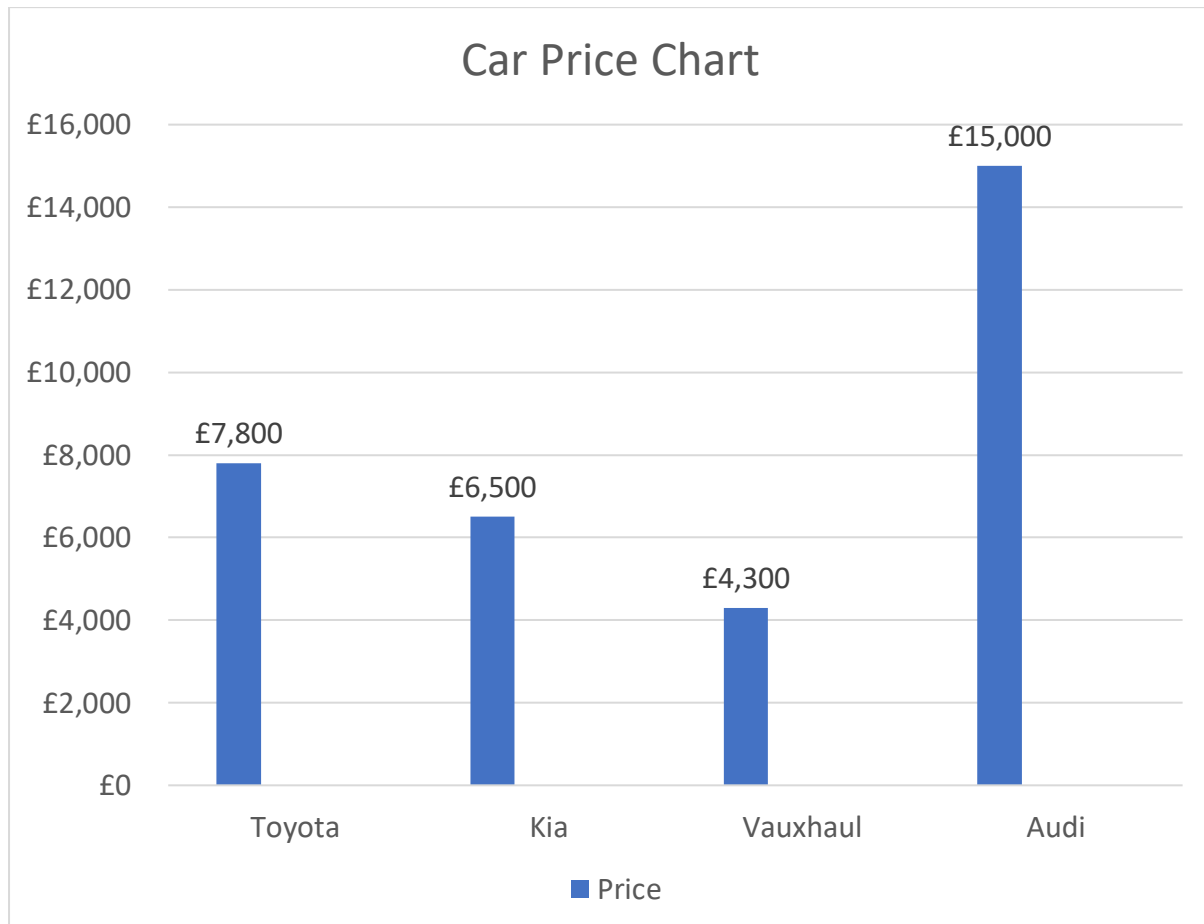
- Name all the educational institutions on the map.
- “Chorlton is a commercial centre.” Is this statement true or false?
- Is there a direct route from Salford to The Manchester College?
- What is the regular route from City Centre to The Manchester College?
- What is the alternative route from the City Centre to The Manchester College?
- “Altrincham is a residential area.” Is this statement true or false?
- Is there a direct link between the City Centre and the University of Salford?





Q.2. Draw the chart on your paper with all the information. Add two more cars to the chart by drawing a right column on the chart.

- 1. Mini Cooper - £13000**
- 2. Mercedes - £16000**



- What is the range on Y-Axis?
- What are the items on X-Axis?
- Which is the most expensive car on the chart?
- Which is the cheapest car on the chart?
- What is the difference between the most expensive and the cheapest car on the chart?
- Which is the second most expensive car on the chart?
- What is the title of the chart?
- What is the legend on X-axis?
- What is the minimum value on the Y-axis?
- What is the maximum value on the Y-axis?





Q.3. John is a builder. He is starting a new project and needs some building machinery. He needs these machines for one week – 7 days. His budget for hiring the machinery is £20000. Which four items can he hire from the choices below?

		
Digger / £3000 / w	Bulldozer - £9000 / w	Drum Roller / £10000 / w
		
Forklift Truck / £1500 / w	Tower Crane / £6500/ w	Mixer Truck / £3200 / w

Q.3A. Show why do you think this:

Q.3B. Show your answer here.





Q.4. Write the names of 3D shapes for the following 2D shapes.

2D Shapes

3D Shapes

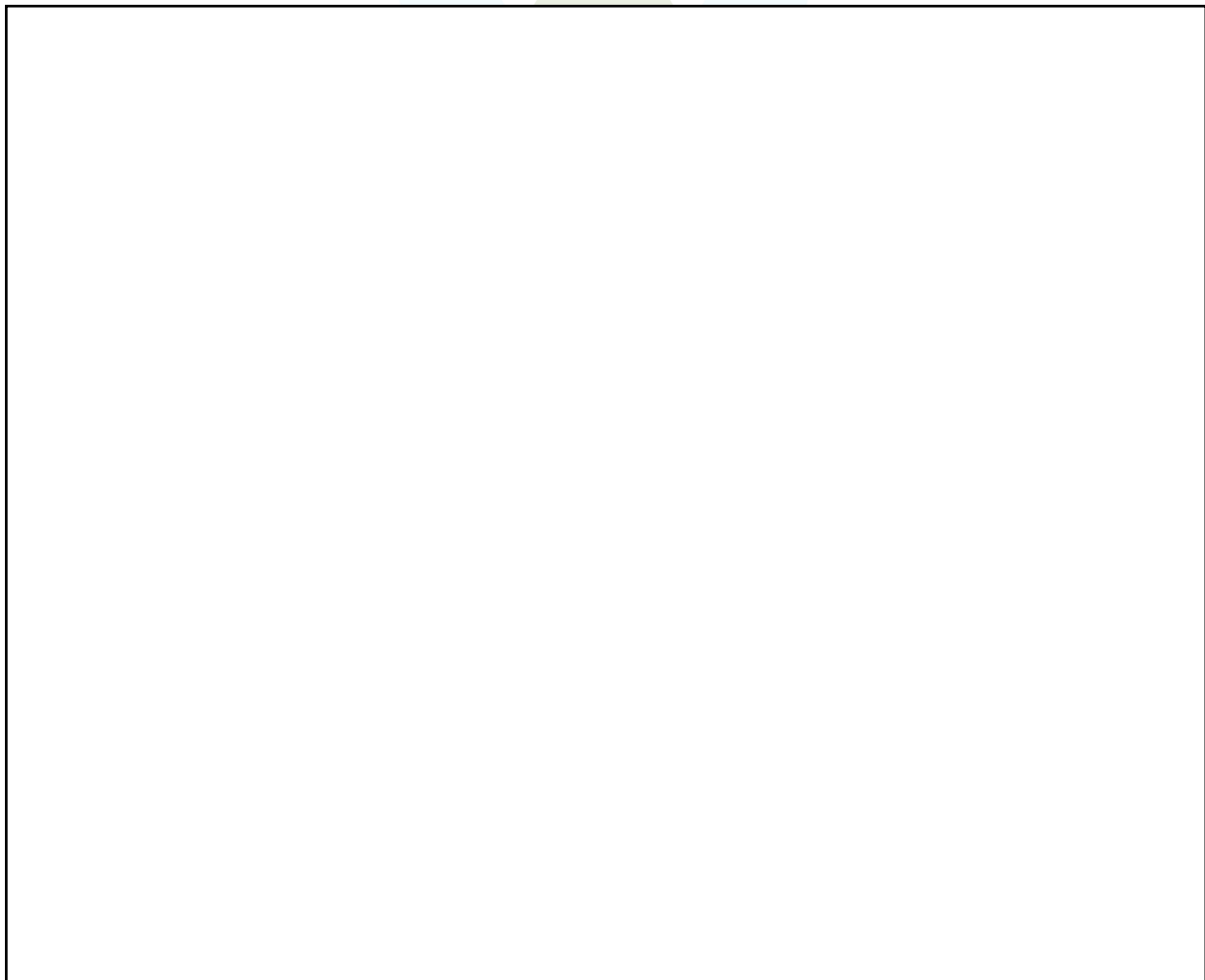
Square

Rectangle

Circle

Triangle

Q.4B. Draw all 2D and 3D shapes in the box and write their names under the shapes.





Q.5. Draw a clock face for every time expression.

Two o'clock

Quarter past two

Half-past two

Quarter to three

Twenty-five past two

Ten to three



KEYSTONE LEARNING & TEACHING

Do you have the drive to learn?

Q.5B. Write the time under the clocks in words.





Q.6. Paul needs to buy a drill machine.



A. £95.99

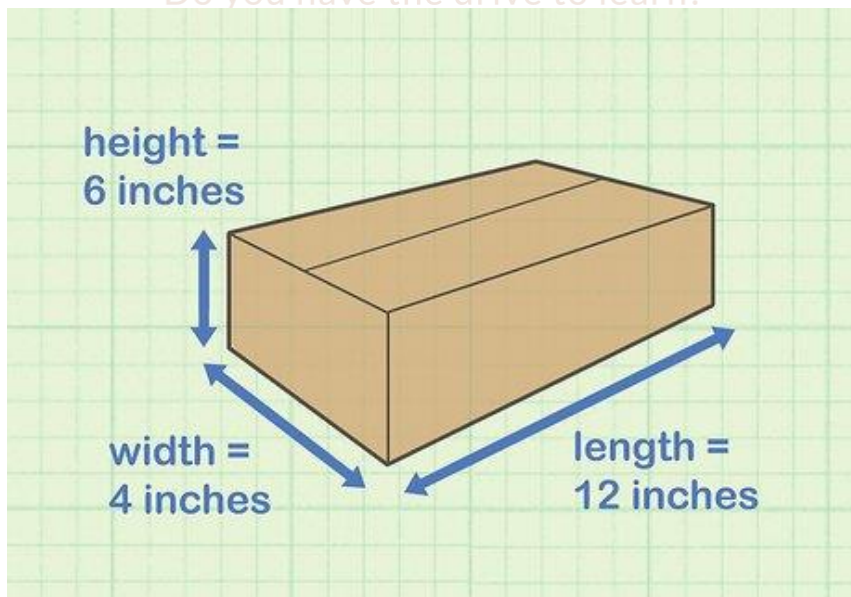


B. £68

1. How much cheaper is drill machine B than drill machine A? _____
2. Round the price of drill machine B to the nearest 10. _____
3. Use the rounded number to check your answer to question 1. _____

Q.7. Look at the diagrams and answer the questions on the next page.

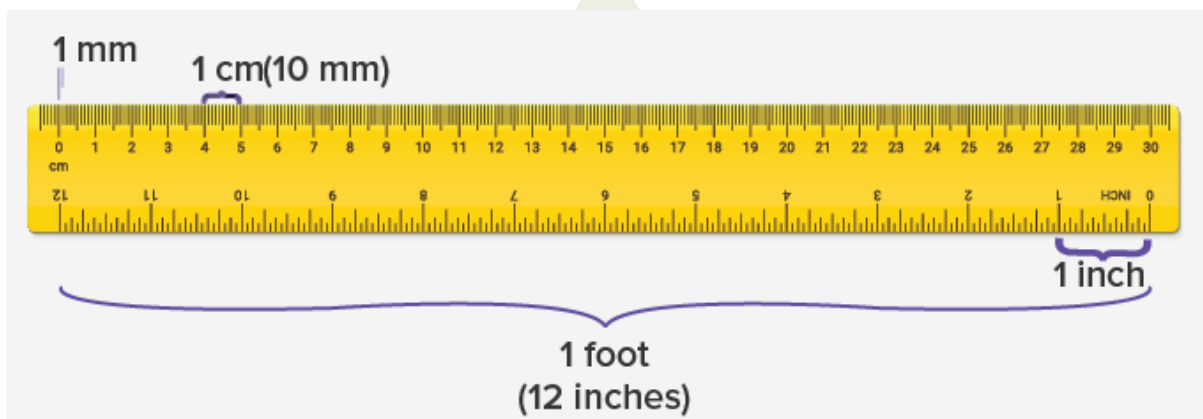
Do you have the drive to learn?





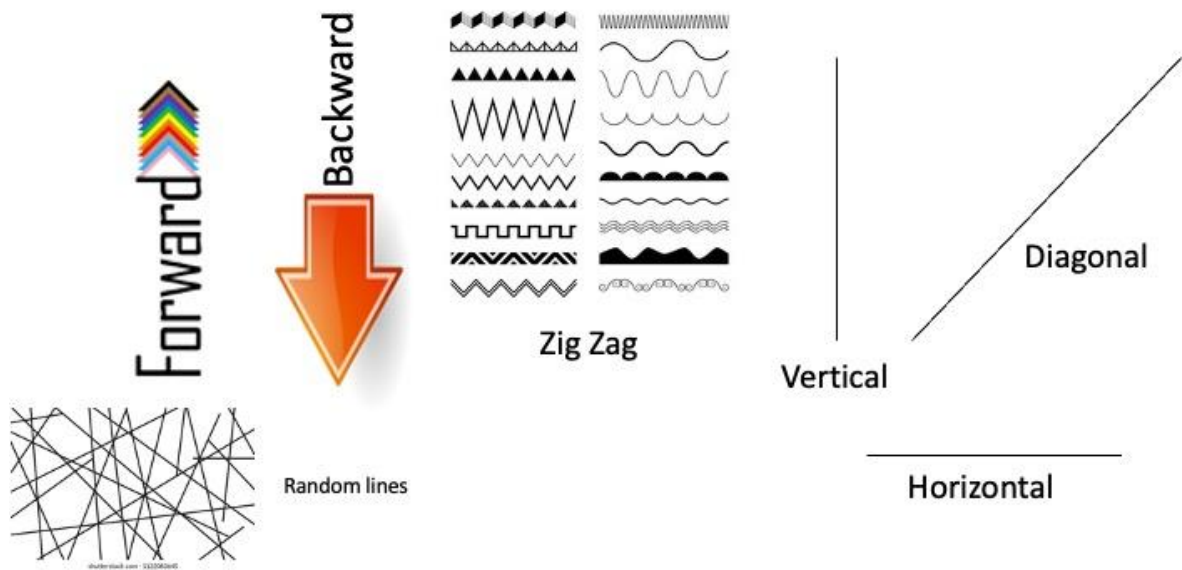
- a) What is the height of the carton in cm? _____
- b) What is the width of the carton in m? _____
- c) What is the length of the carton in inches? _____
- d) Which one is the longest measurement? _____
- e) What is the depth of the carton in inches? _____
- f) What is $\frac{1}{2}$ of the total length of the carton? _____
- g) What is $\frac{1}{4}$ of the total width of the carton? _____
- h) What is the total of all measurements? _____

Q.8. Look at the ruler and answer the given questions.

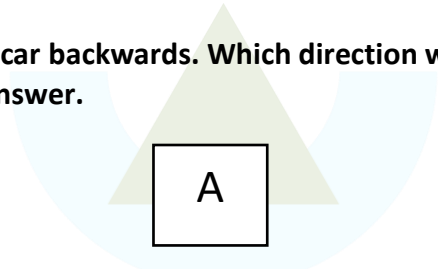


- a) How many millimetres make one centimetre? _____
- b) How many inches make one foot? _____
- c) How many centimetres make one inch? _____
- d) How many centimetres can you see on the ruler? _____
- e) How many inches can you see on the ruler? _____
- f) How many feet can you see on the ruler? _____
- g) How many millimetres can you see on the ruler? _____





Q.9. Paul wants to move his car backwards. Which direction would he drive the car: A, B, C, D? Tick the correct answer.



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TEACHING

