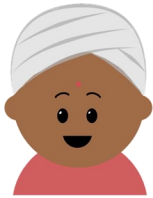


YR6 SATs Preparation Set 2 - Sheet 1



Ranjit says...



“Multiples of 4 are also multiples of 8”

Is he correct?

Yes

No

Explain why!



Here is a recipe which can be used to make two strawberry milkshakes.

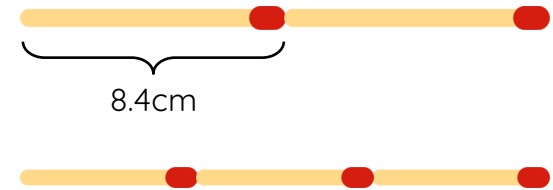
- half a pint of milk
- 3 scoops of vanilla ice cream
- 1 teaspoon of strawberry milkshake powder
- 14 strawberries



Write the list of ingredients needed to make five strawberry milkshakes.



Two large matchsticks are the same size as three small matchsticks.

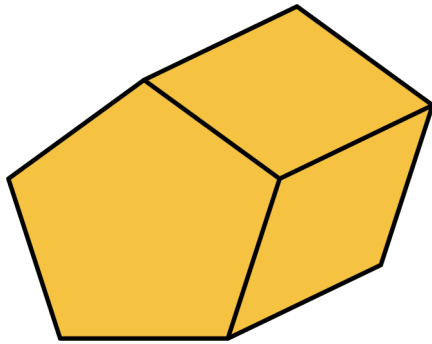


Calculate the combined length of two small matchsticks.

YR6 SATs Preparation Set 2 - Sheet 2



Look carefully at the 3D shape and complete the stem sentences.



The shape is a _____.

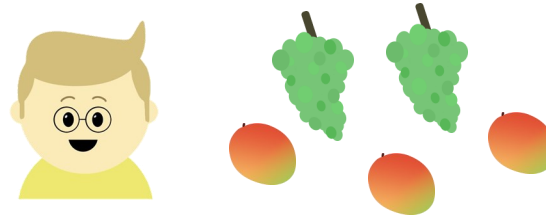
I can see _____ faces but the 3D shape has _____ faces.

I can see _____ edges but the 3D shape has _____ edges.

I can see _____ vertices but the 3D shape has _____ vertices.



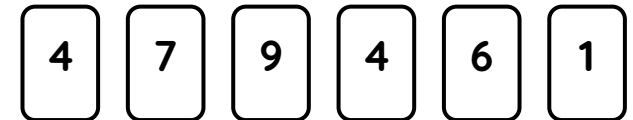
Alfie has been shopping.
He spends £6.56 on two bunches of grapes and three mangos.



The price of a mango is 96p.
Find the cost of one bunch of grapes.



Use the digit cards to make a prime number, a square number and a cube number.



Each card can only be used once.

prime number

square number

cube number

YR6 SATs Preparation Set 2 - Sheet 3



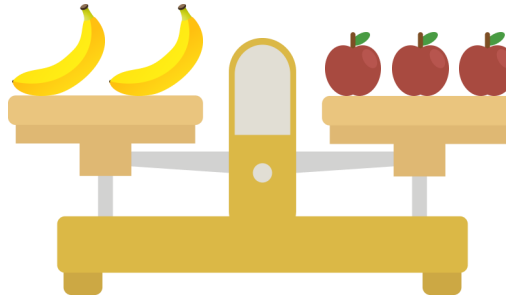
Anita was born in 2011. The monument below was built 7 years before she was born.



Write the year it was built in Roman numerals.



The items on these balancing scales weigh 0.78kg altogether.



Find the combined weight of an apple and a banana in grams.





Here are the temperatures in the capitals of Canada and the United States of America.

Ottawa




-13°C

Washington DC

5°C

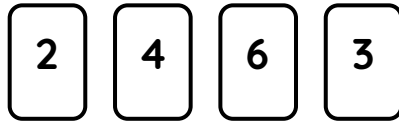
The temperature in Nuuk, Greenland is half way between the temperatures of Ottawa and Washington DC.

What is the temperature there?

YR6 SATs Preparation Set 2 - Sheet 4



Millie uses these digit cards...



She makes two 2-digit numbers.

She multiplies them together.

The product is a multiple of 4

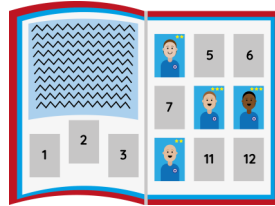
There is a 4 in the hundreds column.

What could Millie's multiplication be?

$$\begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} \times \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array}$$



Jane buys 5 packets of 12 football stickers. Asha buys 48 packets of 5 football stickers.



Asha says...



"I have 4 times as many stickers as Jane."

Explain why she is correct!



Here is a sequence of number pairs...

P	Q
2	2
3	4
4	6
5	8

Complete the rule for the number pattern.

$$Q = \square \times P - \square$$

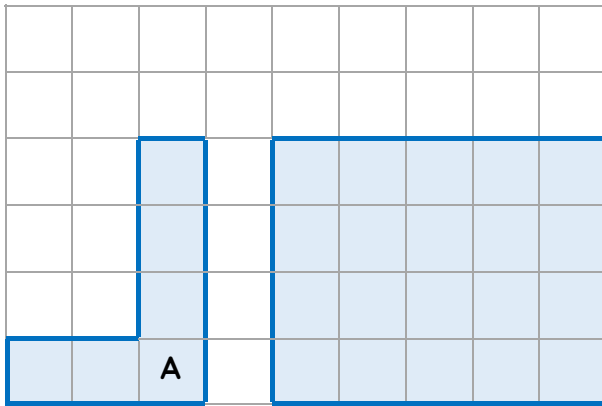
If $Q = 22$, what will be the value of P ?

If $P = 15$, what will be the value of Q ?

YR6 SATs Preparation Set 2 - Sheet 5



Shape A has been enlarged and part of the enlarged shape is shown.



By what scale factor has A been enlarged?

Explain how you know!



Caleb buys an Easter egg and card each for three of his friends.



He has £10 to spend.

One Easter egg costs £1.25 and one card costs £1.69.

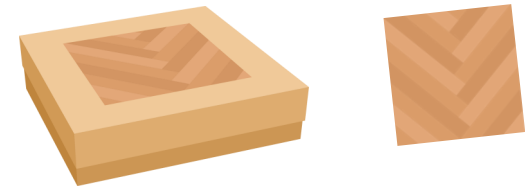
Does he have enough money?

- Yes
 No

Show your working out!



A tiler needs 1,256 tiles to finish a client's kitchen.



Tiles come in packs of 6

How many packs of tiles will the tiler need to buy altogether?

Show your working out!