

Y5 Quick starts

1. 25% of 120 =
2. 50% of 240 =
3. 75% of 2000 =
4. $18 + 1.3 =$
5. $35.4 + 456 =$
6. $76.4 + 182 =$
7. $1\frac{1}{2} - \frac{2}{2} =$
8. $1\frac{1}{3} - \frac{2}{3} =$
9. $1\frac{1}{4} - \frac{3}{4} =$

Problems of the Day 2020

Day 3

1 Which of these numbers round to 2,000 to the nearest 100?

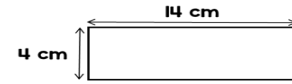
1,950 2,312 2,099 2,045

2 What are the missing numbers?

$$6.4 = 1 + \square$$

$$3\frac{2}{5} = 1 + \frac{\square}{5}$$

3 Annie has a 1 metre piece of wire. She cuts the wire into two pieces. She uses the smaller piece to make this rectangle.



She uses the other piece of wire to make a square.

What is the length of one side of the square?

White

Y5 Quick starts

1. 25% of 140 =
2. 50% of 80 =
3. 75% of 260 =
4. $2118 + 1.3 =$
5. $395.4 + 456 =$
6. $796.4 + 182 =$
7. $1 \frac{1}{5} - \frac{2}{5} =$
8. $1 \frac{1}{6} - \frac{2}{6} =$
9. $1 \frac{1}{7} - \frac{3}{7} =$

Problems of the Day 2020

Day 4

1 What are the missing digits?

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} 5 = \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array}$$

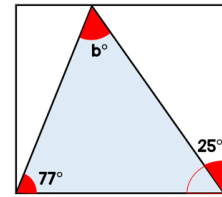
2 Annie and Ron each think of a number.

I'm thinking of the number 6



The product of their numbers is 762
Work out Ron's number.

3 Find the size of angle b.



Y5 Quick starts

1. 75% of 180 =
2. 75% of 440 =
3. 75% of 4000 =
4. $2114 + 1.5 =$
5. $215.4 + 496 =$
6. $216.4 + 192 =$
7. $1\frac{1}{9} - \frac{2}{9} =$
8. $1\frac{3}{11} - \frac{2}{11} =$
9. $1\frac{1}{13} - \frac{2}{13} =$

Fractions	Decimals	Percentages
$\frac{1}{10}$		
	0.2	
$\frac{1}{4}$		
		30%
$\frac{2}{5}$		
$\frac{1}{2}$	0.5	50%
		60%
	0.7	
		75%
$\frac{8}{10}$		
	0.9	
$\frac{1}{1}$		

Problems of the Day 2020

Day 5

- 1 Marbles are put into bags of 10



- 67 bags of marbles are packed.
- 3 more marbles are added to each bag.

How many marbles are there in total now?

- 2 Work out the missing digits.

$$\boxed{5} \times \boxed{} \times \boxed{} = 105$$

- 3 A toy train costs three times as much as a rocket.



The total cost of the train and rocket is £52

How much does the train cost?