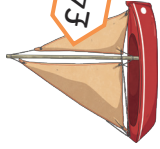


1.

Jessica goes to the toy shop. She buys a teddy, a boat and three toy soldiers. She pays with a £20 note.



£7.75



£4.88



68p each

How much change does she receive?

2.

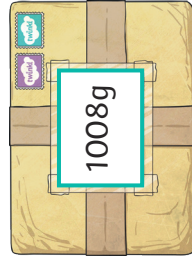
A tap has a leak. It is losing 1.2l of water per hour.

Sandy puts a bucket under the tap at 9:15 a.m. and checks the bucket at midday.

How much water is in the bucket?

3.

Ronnie has sold some of his clothes and has packed them up into parcels.

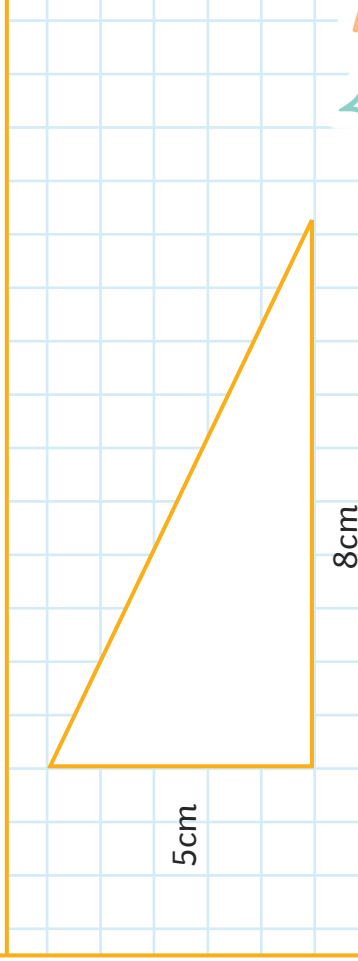


Order Ronnie's parcels from lightest to heaviest.

4.

This triangle has the same area as a rectangle.
The dimensions of the rectangle are whole numbers.

What could be the length and width of the rectangle? Give two possibilities.



5. Draw lines to match the fraction to its equivalent decimal.

$$\frac{2}{5}$$

$$\frac{3}{4}$$

$$\frac{12}{20}$$

$$2\frac{2}{2}$$

$$7\frac{7}{8}$$

$$3\frac{3}{10}$$

$$0.3$$

$$0.875$$

$$1$$

$$0.4$$

$$0.75$$

$$0.6$$

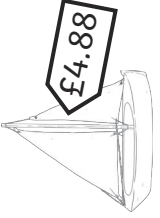
6.

Nazra uses an 18cm length of ribbon to tie around her homemade toys.

She buys a reel with 2.5m of ribbon on. How many lengths of ribbon can she make with this reel?

1.

Jessica goes to the toy shop. She buys a teddy, a boat and three toy soldiers. She pays with a £20 note.



68p each

How much change does she receive?

$$3 \times 68\text{p} = 204\text{p} = \text{£}2.04$$

$$\text{£}2.04 + \text{£}4.88 + \text{£}7.75 = \text{£}14.67$$

$$\text{£}20 - \text{£}14.67 = \text{£}5.33$$

2.

A tap has a leak. It is losing 1.2l of water per hour.

Sandy puts a bucket under the tap at 9:15 a.m. and checks the bucket at midday.

How much water is in the bucket?

9:15 a.m. to midday is $2\frac{3}{4}$ hours.

$$1.2\text{l} \times 2 = 2.4\text{l} \text{ (2 hours)}$$

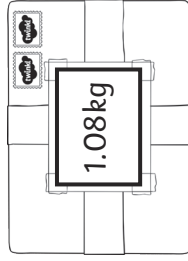
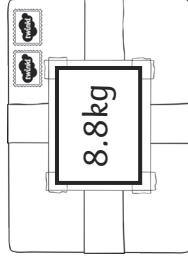
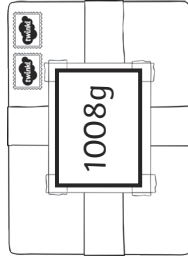
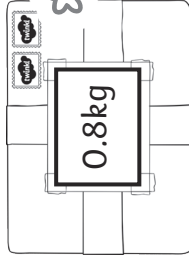
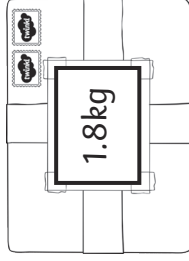
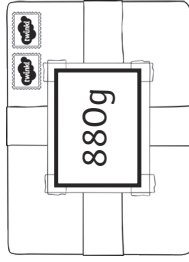
$$1.2\text{l} \div 4 = 0.3\text{l} \text{ } (\frac{1}{4} \text{ litre})$$

$$0.3 \times 3 = 0.9\text{l} \text{ } (\frac{3}{4} \text{ litre})$$

$$2.4 + 0.9 = 3.3\text{l}$$

3.

Ronnie has sold some of his clothes and has packed them up into parcels.



Order Ronnie's parcels from lightest to heaviest.

0.8kg

880g

1008g

1.08kg

1.8kg

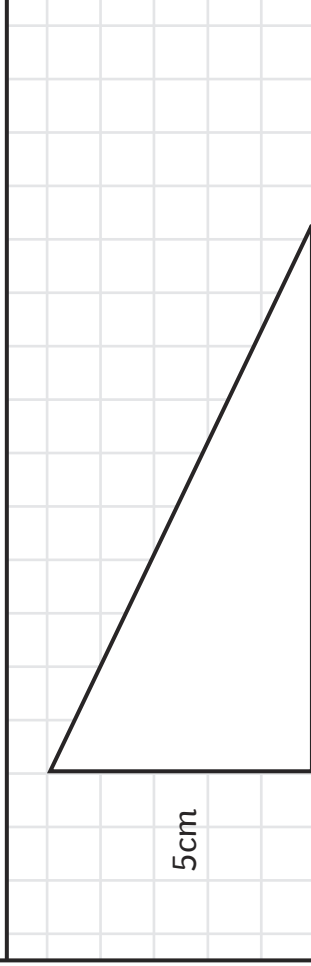
8.8kg

4.

This triangle has the same area as a rectangle.

The dimensions of the rectangle are whole numbers.

What could be the length and width of the rectangle? Give two possibilities.



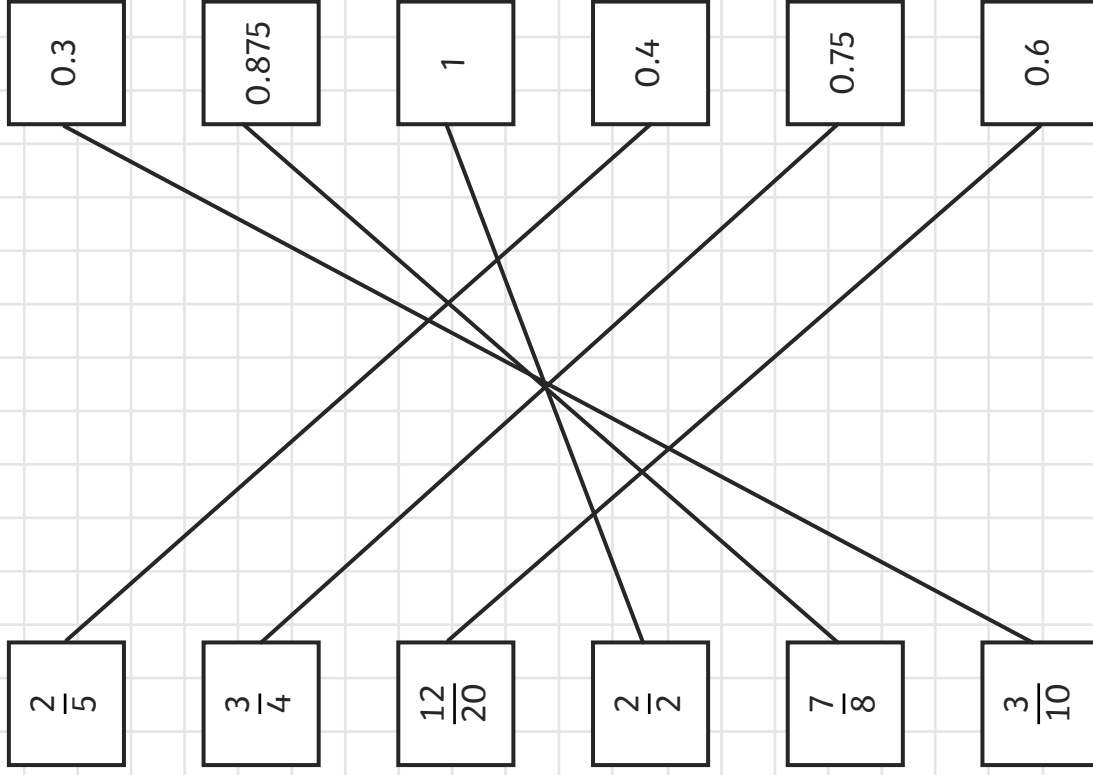
$$\begin{aligned} \text{area of the triangle} &= \frac{1}{2} \times \text{length} \times \text{height} \\ &= \frac{1}{2} \times 8 \times 5 \\ &= 20\text{cm}^2 \end{aligned}$$

The rectangle could have these dimensions:

length	width
2	10
5	4
1	20
10	2
4	5
20	1

5.

Draw lines to match the fraction to its equivalent decimal.



6.

Nazra uses an 18cm length of ribbon to tie around her homemade toys.

She buys a reel with 2.5m of ribbon on. How many lengths of ribbon can she make with this reel?

$$2.5\text{m} = 250\text{cm}$$

$$250 \div 18 = 13\text{r}16$$

Nazra can make 13 lengths of ribbon.

We hope you find the information on our website and resources useful. As far as possible, the contents of this resource are reflective of current professional research. However, please be aware that every child is different and information can quickly become out of date. The information given here is intended for general guidance purposes only and may not apply to your specific situation.



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