WRAP UP WARM

Tommy has £210

He spends $\frac{1}{5}$ of the money on a new winter jacket.

He then spends $\frac{1}{6}$ of the amount left on some wellies.

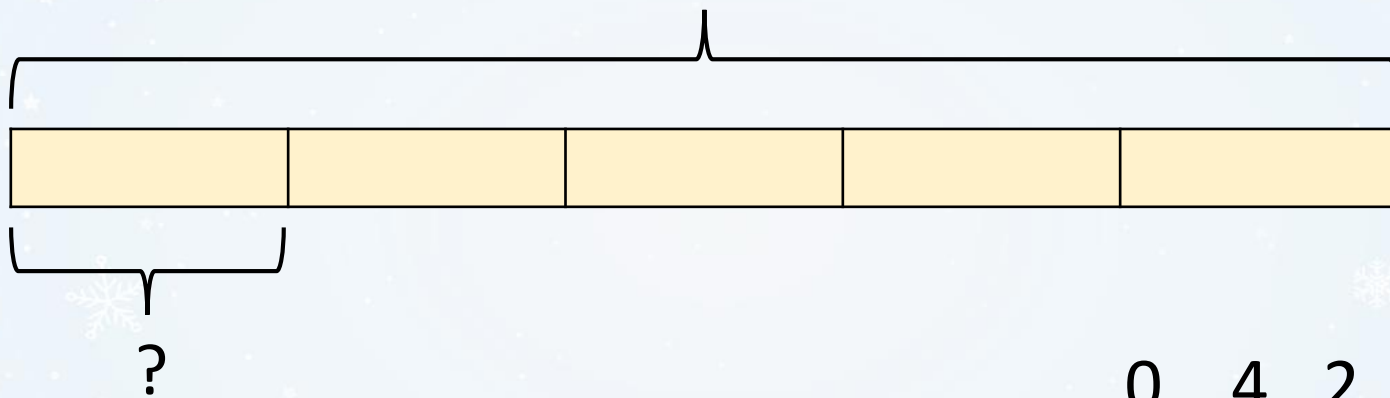Which item costs the most and by how much?

Have a think ❚❚

Tommy has £210

He spends $\frac{1}{5}$ of the money on a new winter jacket.
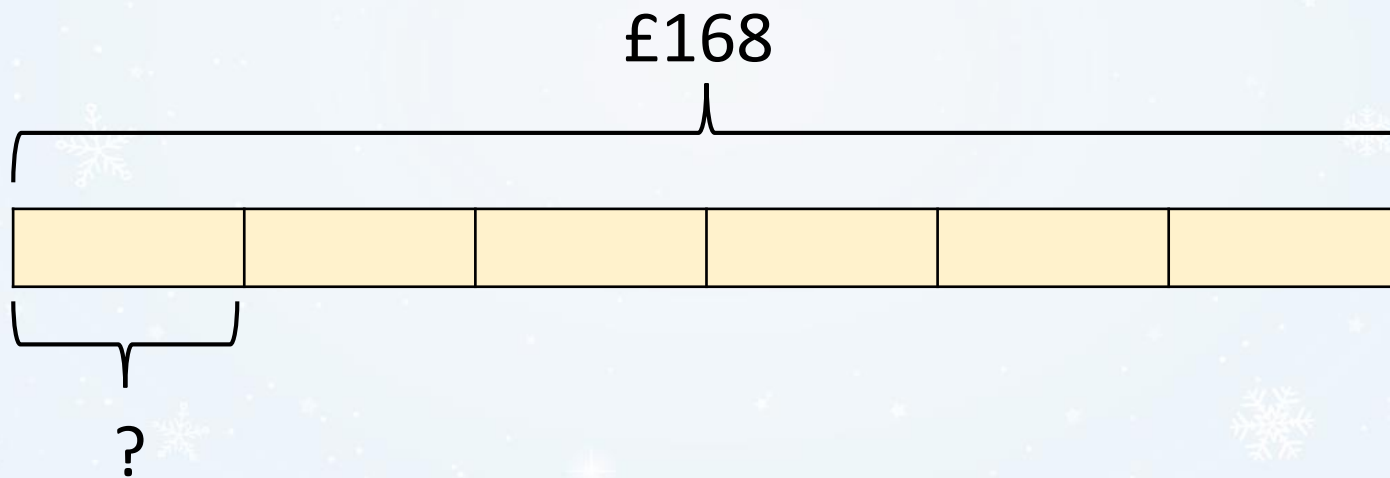
£210

?

Tommy spends £42 on a new jacket.

$$5 \overline{)210} = 042$$

He then spends $\frac{1}{6}$ of the amount left on some wellies.

$£210 - £42 = £168$

$\frac{1}{6}$ of £168 $= £28$

$$6 \overline{\smash{\big)}\ 1\ 6\ {}^48} \quad \begin{array}{ccc} 0 & 2 & 8 \end{array}$$

£168

?

Tommy has £210

He spends $\frac{1}{5}$ of the money on a new winter jacket.

£42

He the spends $\frac{1}{6}$ of the amount left on some wellies.

£28

Which item costs the most and by how much?

The winter jacket.
£14

Mr Rose is knitting scarves.
He makes panels of different colours.
Each panel is 16 cm long and 8 cm wide.

What is the area of a scarf with 6 panels?

16 cm

8 cm

Have a think ⏸

Mr Rose is knitting scarves.
He makes panels of different colours.
Each panel is 16 cm long and 8 cm wide.
What is the area of a scarf with 6 panels?   **768 cm²**

16 cm

8 cm

$16 \times 6 \times 8$

$16 \times 8 = 80 + 48 = 128 \text{ cm}^2$

10   6

128×6

$130 \times 6 = 780$

$780 - (2 \times 6) = 768$

Mr Rose is knitting scarves.
He makes panels of different colours.
Each panel is 16 cm long and 8 cm wide.

What is the area of a scarf with 6 panels?

16 cm

8 cm

Could Mr Rose make a scarf that has an odd number as the area?

What would the length and width of the panels have to be in order to make a scarf with an odd area?

It must be…
It could be…
It can't be…

White Rose Maths

Find the value of the hat, jacket and scarf.

Have a think ⏸

(hat) × (scarf) = 180

(hat) + (hat) + (hat) = 36

(jacket) × (hat) × (scarf) = 3,600

White Rose Maths

🎅hat × 🧣scarf = 180

🎅hat + 🎅hat + 🎅hat = 36

🧥jumper × 🎅hat × 🧣scarf = 3,600

🎅hat = 12

🧣scarf = 15

🧥jumper =

$12 \times \underline{\quad} = 180$

$$12 \overline{)\, 1\ 8\ ^6 0} = 0\ 1\ 5$$

🎅 hat × 🧣 scarf = 180

🎅 hat = 12

🎅 hat + 🎅 hat + 🎅 hat = 36

🧣 scarf = 15

🧥 jumper × 🎅 hat × 🧣 scarf = 3,600

🧥 jumper = 20

____ × 12 × 15 = 3,600

_20_ × 180 = 3,600

2 × 180 = 360

Have a think ⏸

🎅(hat) = 12

🧣(scarf) = 15
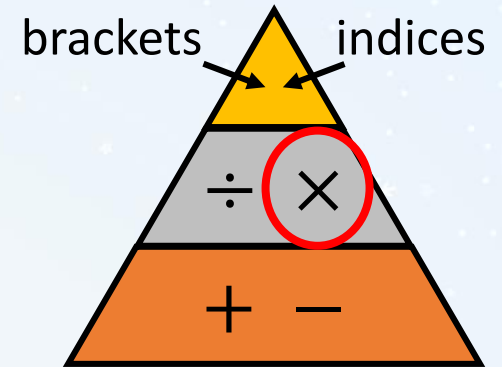
🧥(jacket) = 20

🧥 + 🧣 × 🧣 = ?

🎅 = 12

🧣 = 15

🧥 = 20

$$20 + 15 \times 15$$

$$15 \times 15 = 225$$
$$15 \times 10 + 15 \times 5$$
$$150 + 75$$

$$20 + 225 = 245$$

brackets   indices

÷ ×

+ −

🧥 + 🧣 × 🧣 = ?

White Rose Maths