

26.2.21

L.O. To use fractions as operators

1. Complete the calculations.

a) $\frac{1}{3} \times 12 = \square$

$\frac{1}{3}$ of 12 = \square

b) $12 \times \frac{1}{4} = \square$

$\frac{1}{4}$ of 12 = \square

c) $12 \times \frac{2}{3} = \square$

$\frac{2}{3}$ of 12 = \square

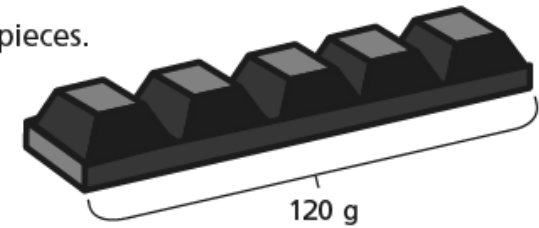
d) $\frac{3}{4} \times 12 = \square$

$\frac{3}{4}$ of 12 = \square

What do you notice?

2. A bar of chocolate has 5 equal pieces.

The whole bar weighs 120g.



How much do three pieces weigh?

a) Write two calculations that will give the answer to the problem.

b) Work out the answer.

Three pieces of chocolate weigh \square

3. Complete the calculations.

a) $\frac{5}{6} \times 12 = \frac{\square}{\square}$ of 12 = \square

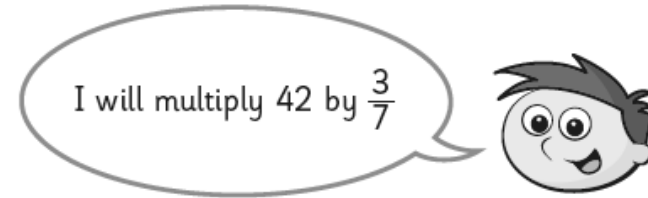
b) $\frac{3}{4} \times 24 = \frac{\square}{\square}$ of 24 = \square

c) $\frac{2}{7} \times \square = \frac{\square}{\square}$ of 28 = \square

d) $\frac{\square}{\square} \times 45 = \frac{4}{5}$ of \square = \square

4. Teddy and Annie are working out $\frac{3}{7} \times 42$

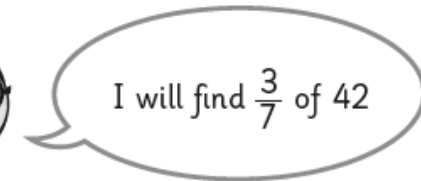
a)



Teddy

Use Teddy's method to work out the calculation.

b)



Annie

Use Annie's method to work out the calculation.

c) Whose method do you prefer? _____

Explain why.
