

Fraction of an amount

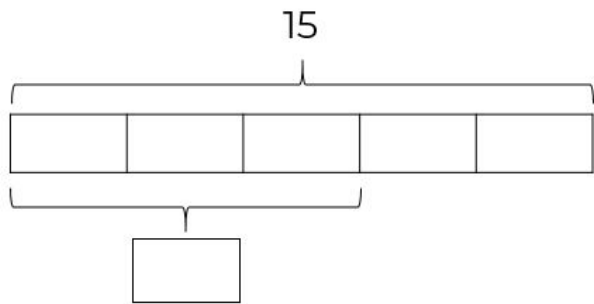
Maths

Mr Chan



Fraction of an amount

1. Use the bar model to work out $\frac{3}{5}$ of 15



2. Work out $\frac{2}{7}$ of £42

3. Work out the following

a) $\frac{2}{3}$ of 600 kg

b) $\frac{4}{5}$ of \$65

c) $\frac{3}{10}$ of 7.5 km

d) $\frac{6}{7}$ of 63 mm

e) $\frac{5}{9}$ of 81 cm



Fraction of an amount

4. Fill in the box with a $<$, $>$ or $=$ for the following.

a) $\frac{3}{5}$ of 85 km $\frac{2}{3}$ of 120km

b) $\frac{3}{4}$ of £600 $\frac{7}{10}$ of £700

c) $\frac{5}{6}$ of 3 kg $\frac{2}{3}$ of 3300 grams

5. Will is working out $\frac{5}{6}$ of 30
Here is his working out.

$$30 \div 5 = 6$$

$$6 \times 6 = 36$$

What mistake has he made?

What is the correct answer?

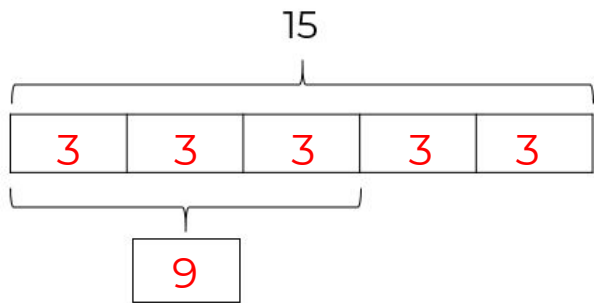


Answers



Fraction of an amount

1. Use the bar model to work out $\frac{3}{5}$ of 15



2. Work out $\frac{2}{7}$ of £42 £12

3. Work out the following

a) $\frac{2}{3}$ of 600 kg 400 kg

b) $\frac{4}{5}$ of \$65 \$52

c) $\frac{3}{10}$ of 7.5 km 2.25 km

d) $\frac{6}{7}$ of 63 mm 54 mm

e) $\frac{5}{9}$ of 81 cm 45 cm



Fraction of an amount

4. Fill in the box with a <, > or = for the following.

a) $\frac{3}{5}$ of 85 km $\frac{2}{3}$ of 120km

b) $\frac{3}{4}$ of £600 $\frac{7}{10}$ of £700

c) $\frac{5}{6}$ of 3 kg $\frac{2}{3}$ of 3300 grams

5. Will is working out $\frac{5}{6}$ of 30

Here is his working out.

$$30 \div 5 = 6$$

$$6 \times 6 = 36$$

What mistake has he made?

He has divided by the numerator
and not the denominator.

What is the correct answer? 25

