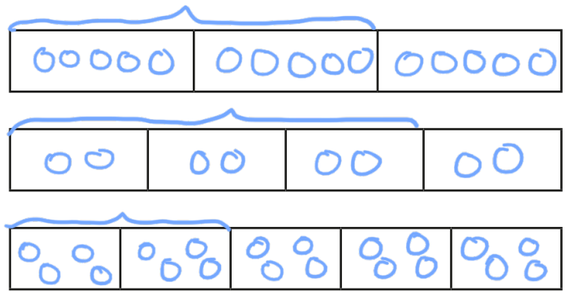
Fractions of a set of objects (2)

1 Draw counters in the bar models to help you complete each number sentence.

a) $\frac{2}{3}$ of 15 = 10

b) $\frac{3}{4}$ of 8 = 6

c) $\frac{2}{5}$ of 20 = 8



2 Match the questions and answers.

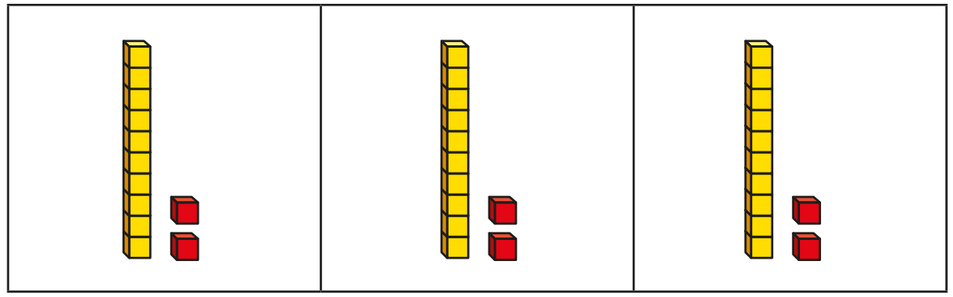
$\frac{2}{3}$ of 9 = ?	9
$\frac{3}{5}$ of 15 = ?	6
$\frac{5}{6}$ of 12 = ?	15
$\frac{3}{4}$ of 20 = ?	10

3 What is $\frac{6}{6}$ of 18?

18

How do you know?

4 Brett uses a bar model and base 10 to find $\frac{2}{3}$ of 36



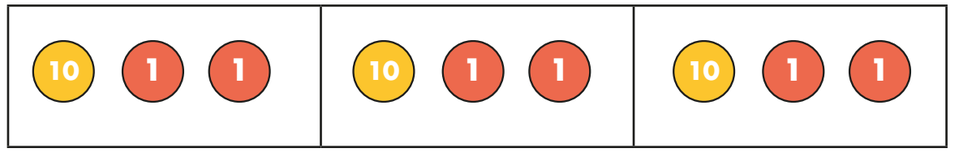
Use Brett's method to complete the number sentences.

a) $\frac{2}{3}$ of 63 = 42

b) $\frac{3}{4}$ of 48 = 36

c) $\frac{3}{4}$ of 92 = 69

5 Kim uses a bar model and place value counters to find $\frac{2}{3}$ of 36



Use Kim's method to complete the number sentences.

a) $\frac{2}{3}$ of 96 = 64

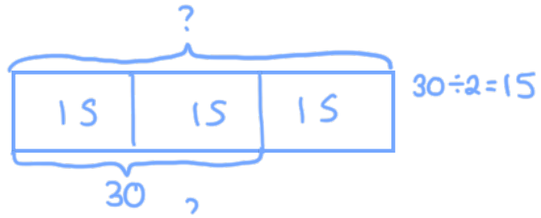
b) $\frac{3}{5}$ of 60 = 36

c) $\frac{3}{4}$ of 52 = 39

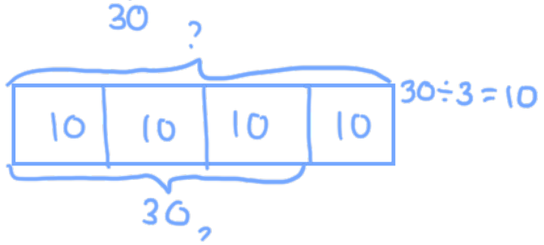
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6 Complete the number sentences.

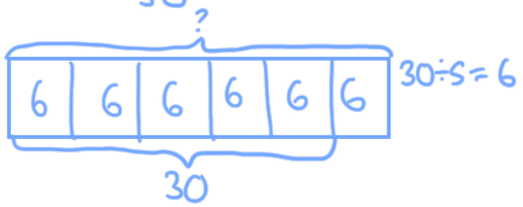
a) $\frac{2}{3}$ of [45] = 30



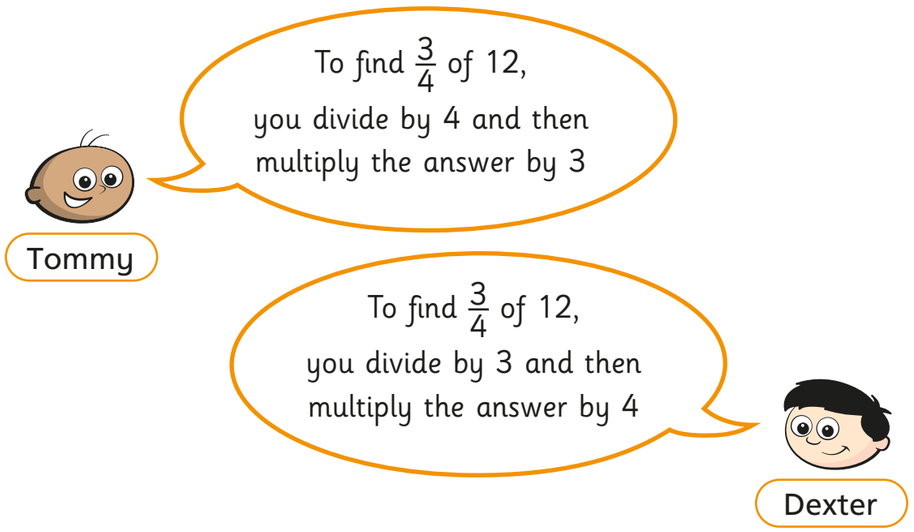
b) $\frac{3}{4}$ of [40] = 30



c) $\frac{5}{6}$ of [36] = 30



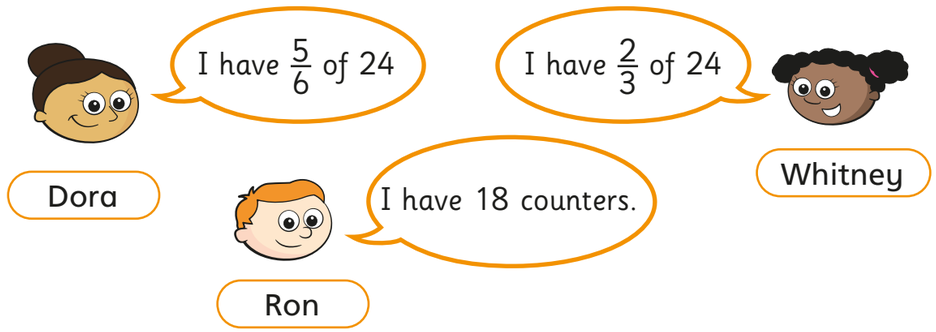
7



Who is correct? Tommy

How do you know? Show your working.

8 Dora, Whitney and Ron each find a fraction of 24 using counters.



a) Who has the most counters? Show your workings.

5/6 of 24 = 20 2/3 of 24 = 16

Dora

b) How many more counters does Dora have than Whitney?

20 − 16 = 4

[4]

9 Write fractions to make the statements correct.

e.g.

[1/6] of 36 < 18

[1/2] of 36 = 18

[3/4] of 36 > 18

How many different answers can you find for each?

Compare with a partner.

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