

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

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



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



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



- 2 Match the questions and answers.

$\frac{2}{3}$ of 9 = ?

9

$\frac{3}{5}$ of 15 = ?

6

$\frac{5}{6}$ of 12 = ?

15

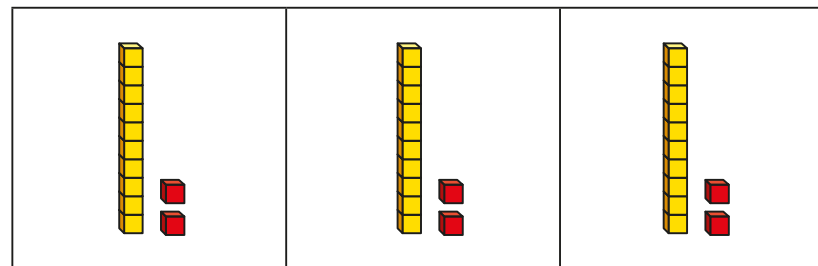
$\frac{3}{4}$ of 20 = ?

10

- 3 What is $\frac{6}{6}$ of 18?
How do you know?



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



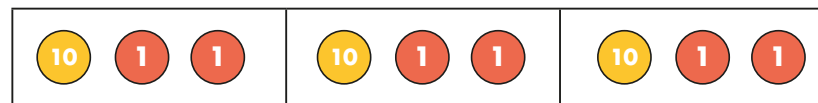
Use Brett's method to complete the number sentences.

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

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

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

- 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 =

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

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

- 6 Complete the number sentences.

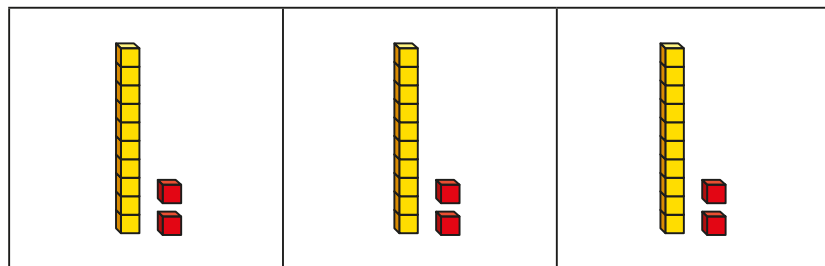
a) $\frac{2}{3}$ of = 30

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

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



- 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.

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- 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 = b) $\frac{3}{5}$ of 60 = c) $\frac{3}{4}$ of 52 =

- 6 Complete the number sentences.

a) $\frac{2}{3}$ of = 30 b) $\frac{3}{4}$ of = 30 c) $\frac{5}{6}$ of = 30

7



Tommy

To find $\frac{3}{4}$ of 12,
you divide by 4 and then
multiply the answer by 3

To find $\frac{3}{4}$ of 12,
you divide by 3 and then
multiply the answer by 4



Dexter

Who is correct?

How do you know? Show your working.

8

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



Dora

I have $\frac{5}{6}$ of 24



Whitney

I have $\frac{2}{3}$ of 24

I have 18 counters.

- a) Who has the most counters? Show your workings.
b) How many more counters does Dora have than Whitney?

9

Write fractions to make the statements correct.

of 36 < 18

of 36 = 18

of 36 > 18

How many different answers can you find for each?

Compare with a partner.