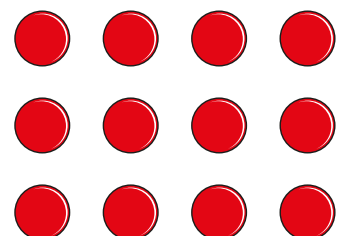


Fractions of a set of objects (1)

1 Here are some counters.



a) Circle $\frac{1}{4}$ of the counters.

b) How many counters did you circle?

c) What is $\frac{1}{4}$ of 12?

2 Draw counters in the bar models to help you complete each number sentence. The first one has been done for you.

a) $\frac{1}{2}$ of 8 = 4

b) $\frac{1}{2}$ of 16 =

c) $\frac{1}{4}$ of 8 =

d) $\frac{1}{4}$ of 16 =



3



To find a half I need
to divide by 2

Do you agree with Dexter? _____

Talk about it with a partner.

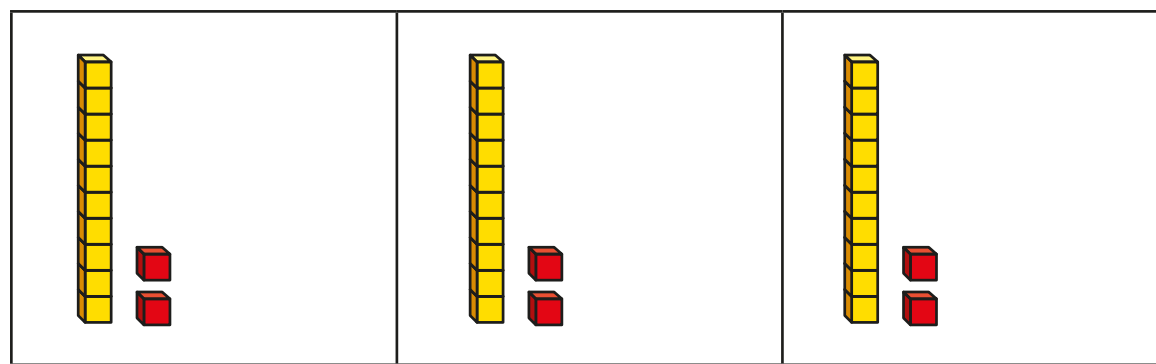
4

Complete the table.

Fraction	Division	Example	Drawing
one half	divide by 2	$\frac{1}{2}$ of 6 = 3	
one quarter		$\frac{1}{4}$ of 8 = 2	



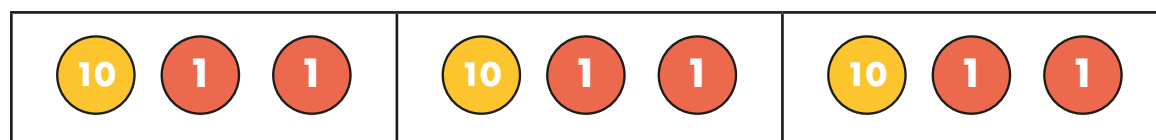
- 5 Huan uses a bar model and base 10 to find $\frac{1}{3}$ of 36



Use Huan's method to complete the calculations.

- a) $\frac{1}{3}$ of 63 = c) $\frac{1}{4}$ of 92 =
- b) $\frac{1}{4}$ of 48 =

- 6 Nijah uses a bar model and place value counters to find $\frac{1}{3}$ of 36



Use Nijah's method to complete the calculations.

- a) $\frac{1}{3}$ of 96 = c) $\frac{1}{4}$ of 52 =
- b) $\frac{1}{5}$ of 60 =

- 7 Which amount is greater? Tick your answer.

☐ $\frac{1}{3}$ of £75 or ☐ $\frac{1}{5}$ of £75

Show your workings.

- 8 Complete the number sentences.

- a) $\frac{1}{2}$ of = 30 c) $\frac{1}{5}$ of = 50
- b) $\frac{1}{4}$ of = 20

- 9 Rosie, Amir and Alex each find a fraction of 24 using counters.

Rosie: I have $\frac{1}{6}$ of 24

Amir: I have $\frac{1}{3}$ of 24

Alex: I have 6 counters.

- a) Order the children from least counters to most counters.

least counters most counters

- b) What fraction of the counters does Alex have?

- c) Rosie and Amir put their counters together.

Write their total number of counters as a fraction of 24