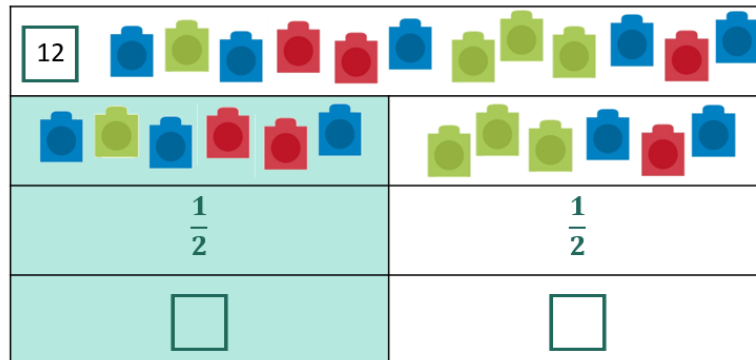


WORKED EXAMPLE

$$\frac{1}{2} \text{ of } 12 = \square$$

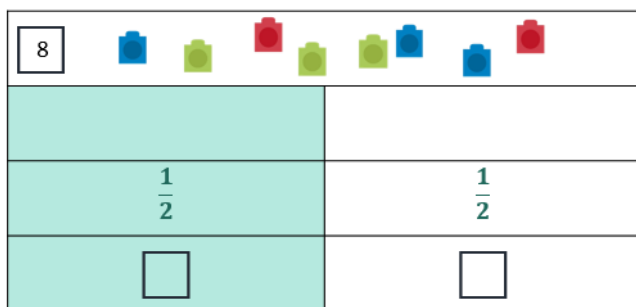


I can see the whole is 12.
 I can see I am calculating a half ($\frac{1}{2}$) so I need to split the whole into 2 equal parts.
 I can see there are 6 in each equal part.
 I know that $\frac{1}{2}$ of 12 equals 6.

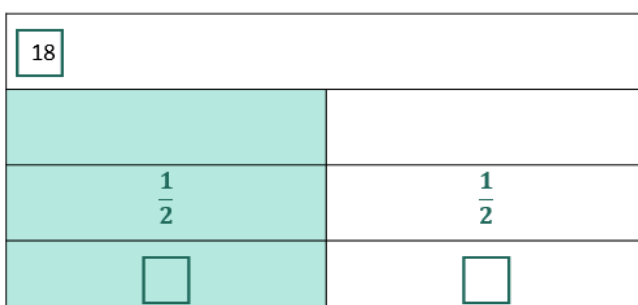
whole equal part fraction half $\frac{1}{2}$ quarter $\frac{1}{4}$ third $\frac{1}{3}$

REHEARSE

Complete the model to calculate the fractions of quantities.



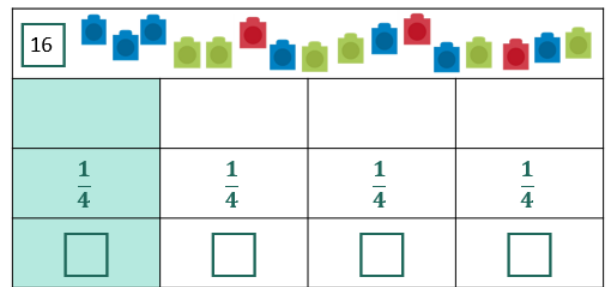
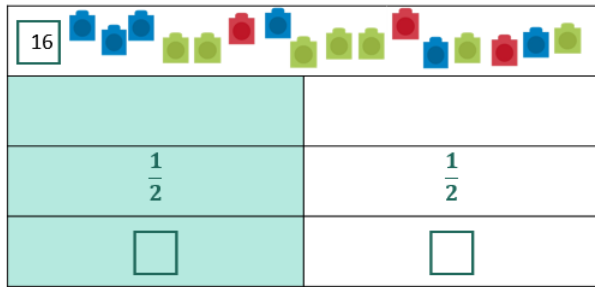
The whole is 8.
 I am calculating _____.
 I need to split the whole into ____ equal parts.
 There are ____ in each equal part.
 ____ of 8 equals ____.



The whole is 18.
 I am calculating _____.
 I need to split the whole into ____ equal parts.
 There are ____ in each equal part.
 ____ of 18 equals ____.

APPLY AND EXPLORE

Complete the models.



What is the same? What is different? Use the word bank below to help.

whole equal part fraction half $\frac{1}{2}$ quarter $\frac{1}{4}$ third $\frac{1}{3}$

Draw your own model to find one third ($\frac{1}{3}$) of 15.

APPLY AND EXPLORE

Use objects (counters, building bricks or pasta pieces) to work out the fractions of these wholes. One has been done for you.

whole	half $\frac{1}{2}$	third $\frac{1}{3}$	quarter $\frac{1}{4}$
20	10	The parts are not equal.	5
30			
18			
12			

Can you find another whole where you can show a half, a third and a quarter?