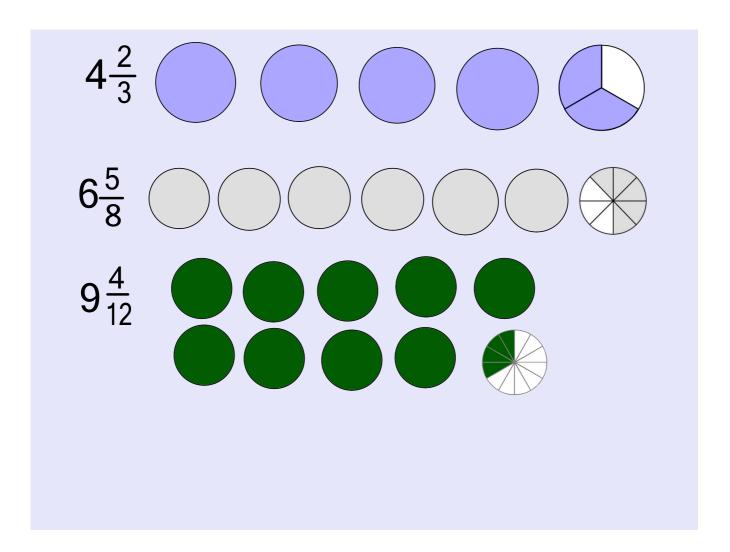
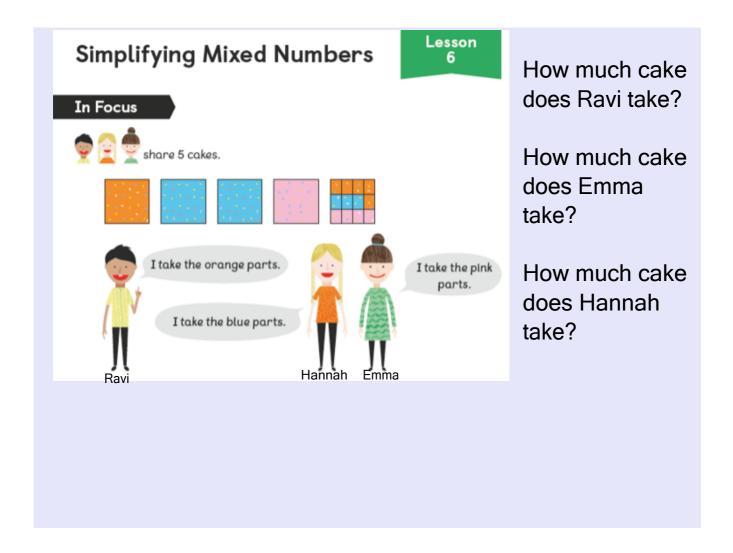
Give me 5

What is half of 68?

What is a 'mixed number'?













$$1 + \frac{5}{12} = 1\frac{5}{12}$$

 $1\frac{5}{12}$ is the simplest form.

How many whole cakes does Ravi take?

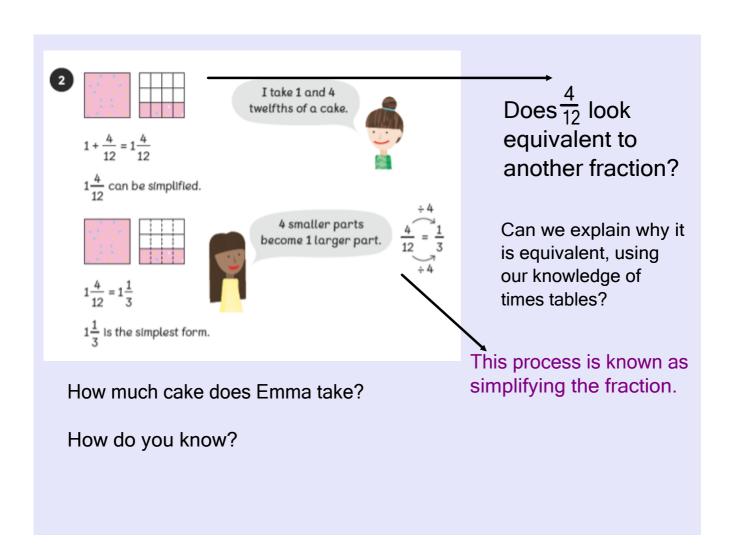
I take 1 and 5 twelfths of a cake.

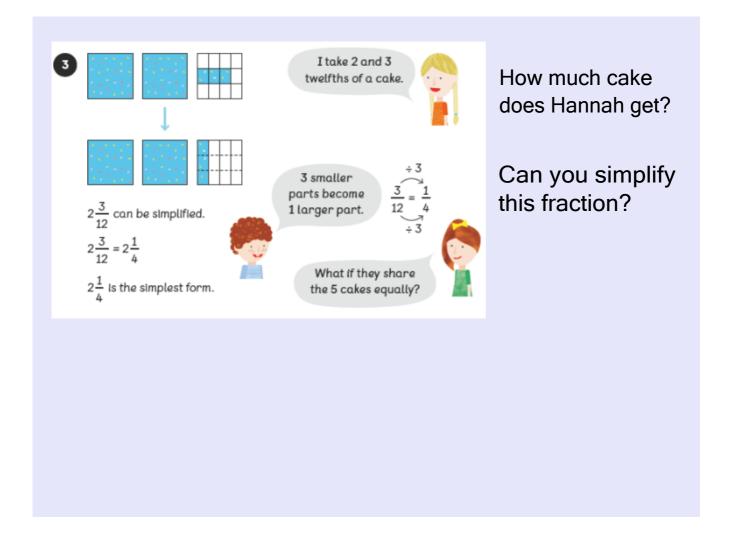
How do we know it is twelfths?

How many twelfths does he take altogether?

How much cake does he take altogether?

What fraction does he take?



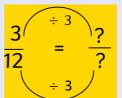


Steps to success:

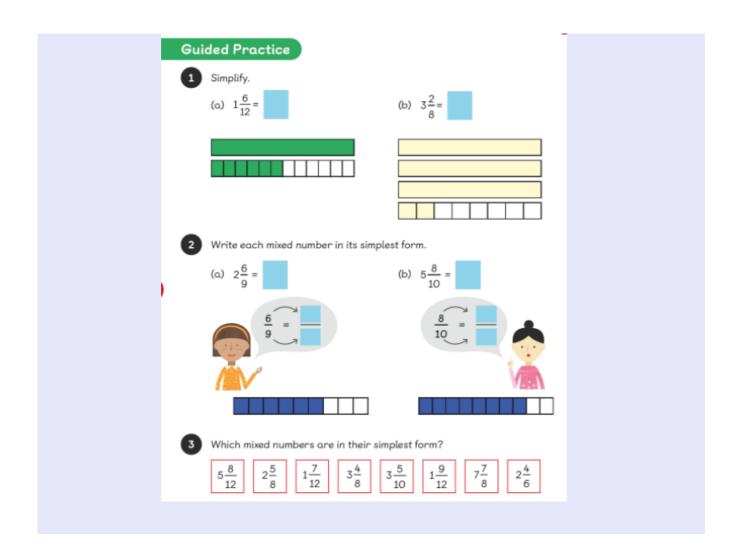


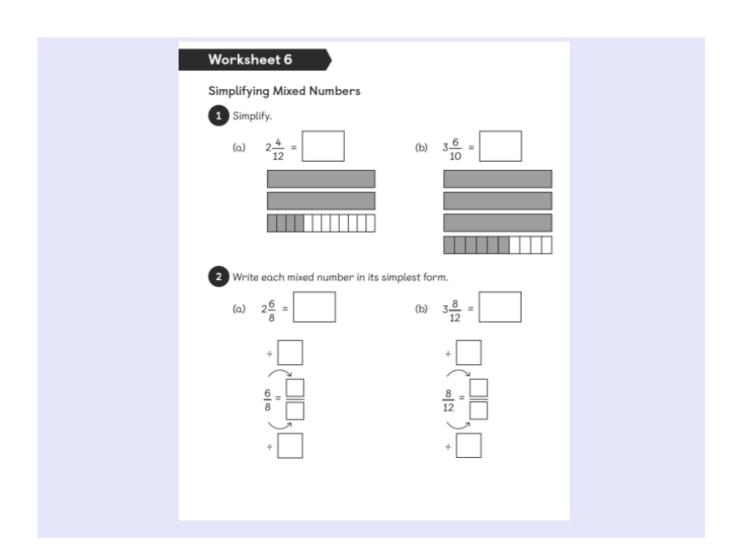
1. Find out the lowest common multiple. (what times table they are both in)

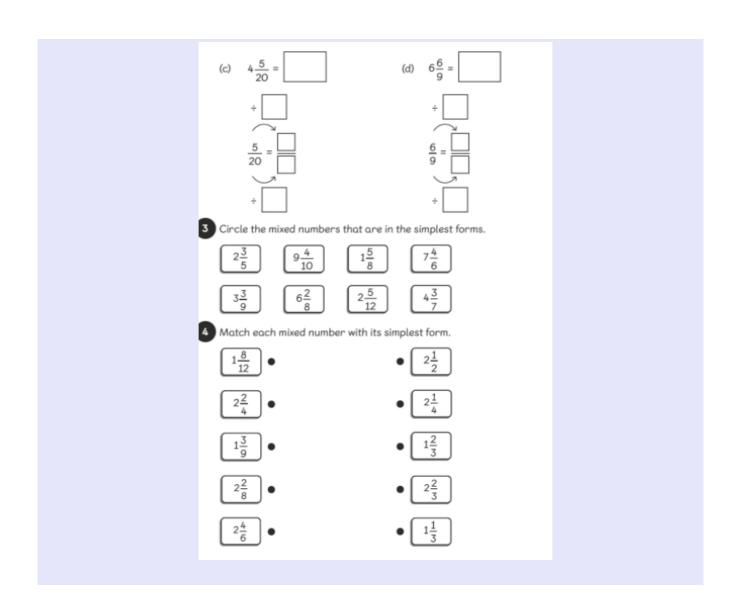


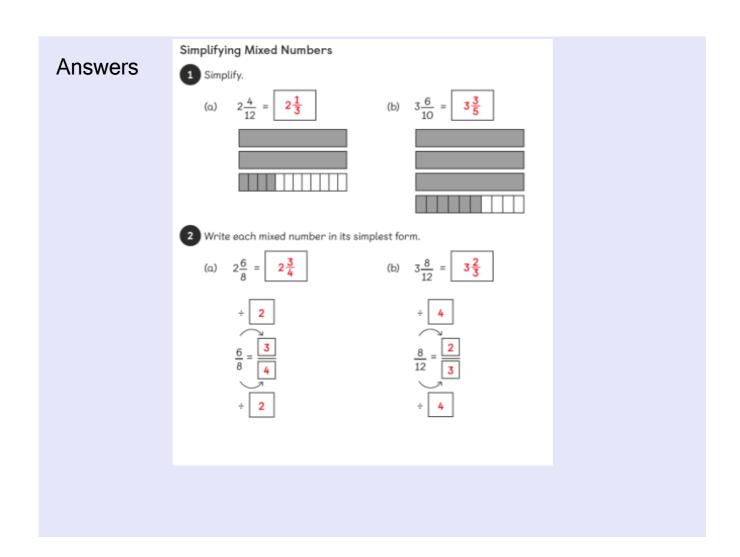


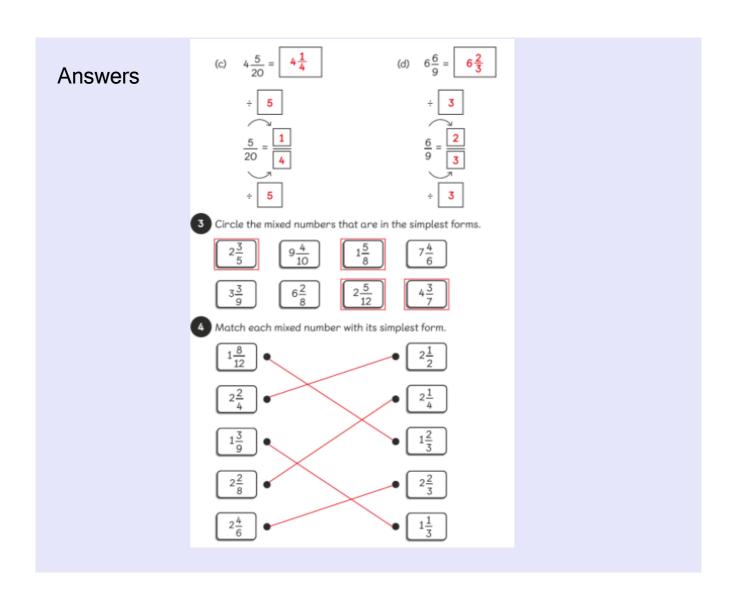
2. Divide the numerator and the denominator by the lowest common multiple.











Challenge

- 1: Rodney is putting away test tubes in science class. He has 50 test tubes and 12 will fit on each rack. How many rack racks will Rodney fill? Write the answer as a mixed number
- 2: My dog is 5 ½ years old. My cat is $4\frac{3}{6}$ years younger than my dog. How old is my cat?

Challenge Answers

1: Rodney is putting away test tubes in science class. He has 50 test tubes and 12 will fit on each rack. How many rack racks will Rodney fill? Write the answer as a mixed number

Rodney manages to fill 4 of the racks with 48 test tubes, but still has 2 left over. Because the rack has 12 spaces, we can write this as $\frac{2}{12}$. This can be simplified to $\frac{1}{6}$. Rodney fills $4\frac{1}{6}$ racks

2: My dog is 5 $\frac{1}{2}$ years old. My cat is $\frac{4^3}{6}$ years younger than my dog. How old is my cat?

For this problem, we need to simplify $\frac{4}{6}$ to $\frac{1}{2}$. Then we can find the difference. $5\frac{1}{2}$ - $4\frac{1}{2}$ = 1. The cat is 1 year old