

IALT: explore equivalent fractions.

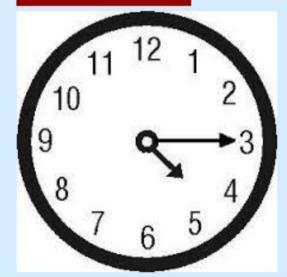
What fraction is shown?



What is a denominator?

Bus Stop Division: 442 : 2

Challenge:



Long Mulitplication: 854 x 4

https://www.topmarks.co.uk/maths-games/daily10





IALT: explore equivalent fractions.

What fraction is shown?



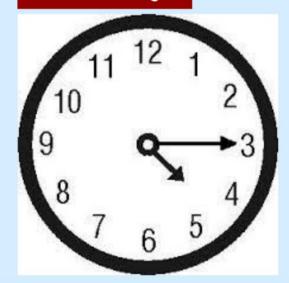
What is a denominator?

The number below the line in a fraction. It is the divisor.

Bus Stop Division: 442 : 2

4:15 OR Quarter past 4

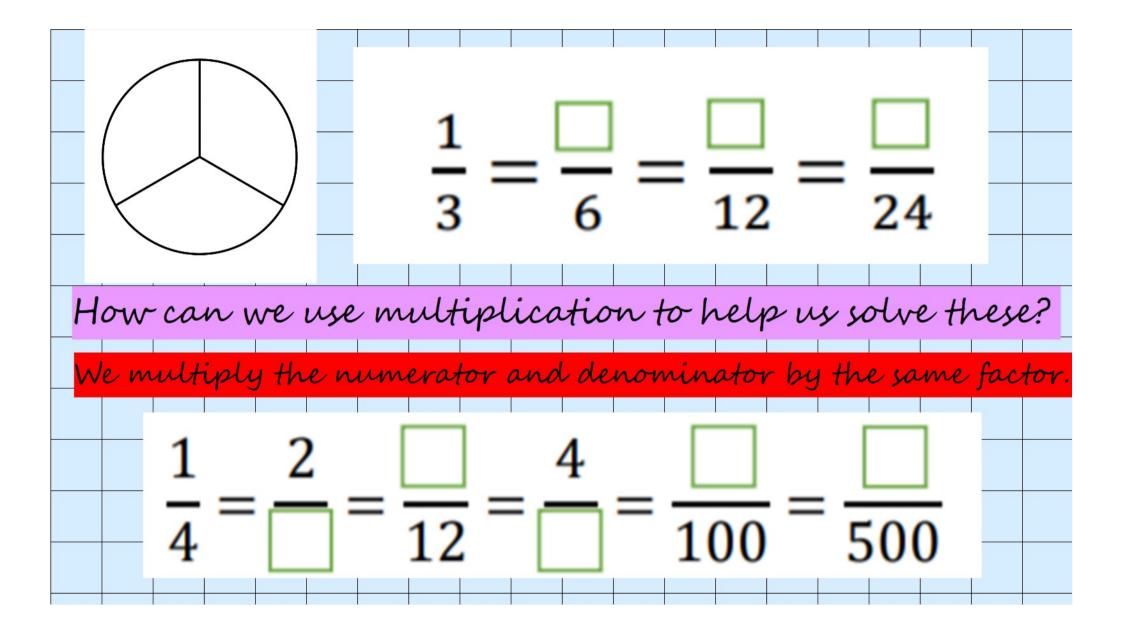
Challenge:

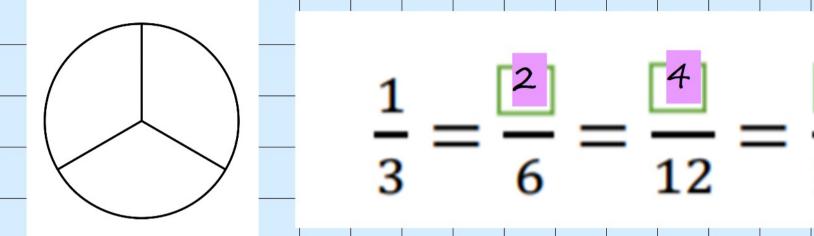


Long Mulitplication. 854 x 4 3416

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Daily Counting halves quarters thirds

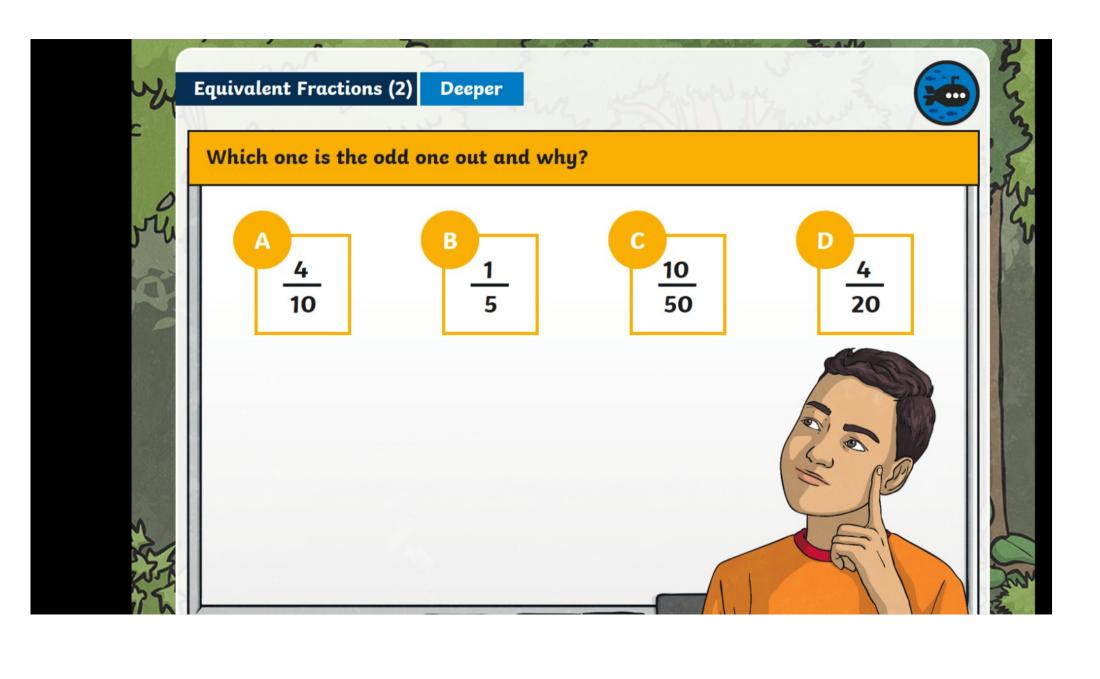


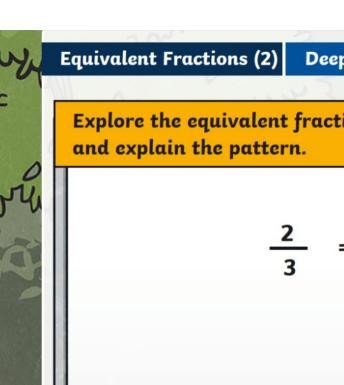


How can we use multiplication to help us solve these?

We multiply the numerator and denominator by the same factor.

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{25}{100} = \frac{1}{500}$$









Explore the equivalent fraction number sequence. Predict what comes next

$$\frac{2}{3} = \frac{6}{9} = \frac{18}{27} = \boxed{}$$





What has happened to the numerator and denominator?

Copy into your book. Use a colour to show what has happened.

$$\frac{1=3}{3}$$

5 = 10

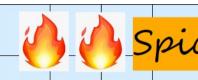
4 = 16

20

24

$$8 = 24$$
 $12 = 36$

If you multiply the denominator you have increased the number of ______ so you need to multiply the numerator by the same f_____ so that _____



Can you use multiplication to find some more?

Extension:

Tommy is finding equivalent fractions.

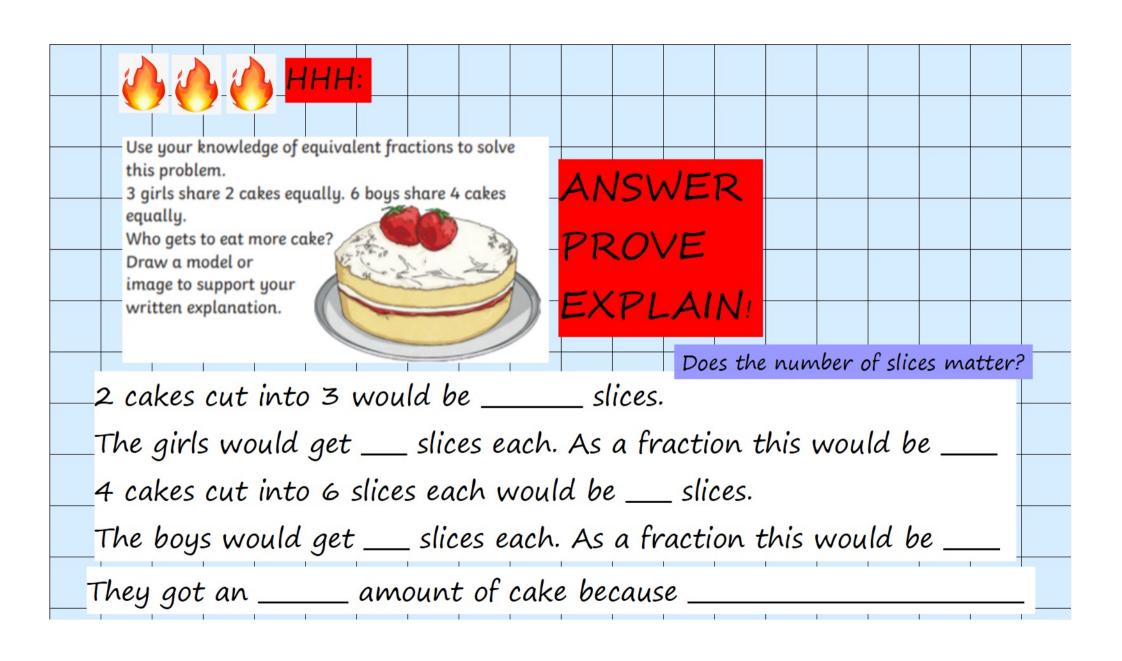
$$\frac{3}{4} = \frac{5}{6} = \frac{7}{8} = \frac{9}{10}$$

He says,



I did the same thing to the numerator and the denominator so my fractions are equivalent.

Do you agree with Tommy? Explain your answer.



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Mild:

ANSWERS:

What has happened to the numerator and denominator? Copy into your book. Use a colour to show what has happened.

$$\frac{1}{3} = \frac{3}{9}$$

3

$$8 = 24$$
 $12 = 36$

If you multiply the denominator you have increased the number of ______ so you need to multiply the numerator by the same f_____ so that _____





Spicy:

ANSWERS:

Can you use multiplication to find some more?

$$\frac{2=6=18}{9}$$

$$3 = 9 = 27$$
 $7 = 21 = 63$

$$2 = 16 = 128$$
 $5 40 320$

No, because he has added each time instead of multipling.

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