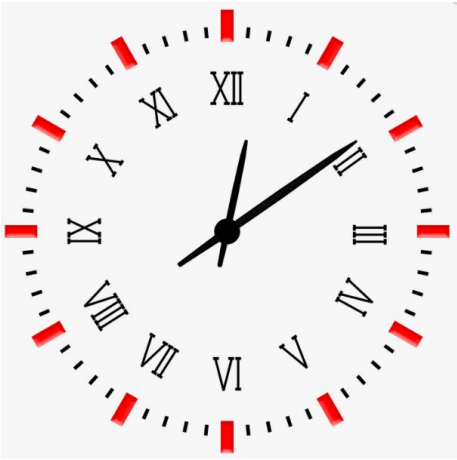
Can I add and subtract fractions with the same denominator?

Fast Five

24 x 5=

$$\begin{array}{r} 594 \\ -\ 256 \\ \hline \end{array}$$



What time is it?

25 ÷ 3=

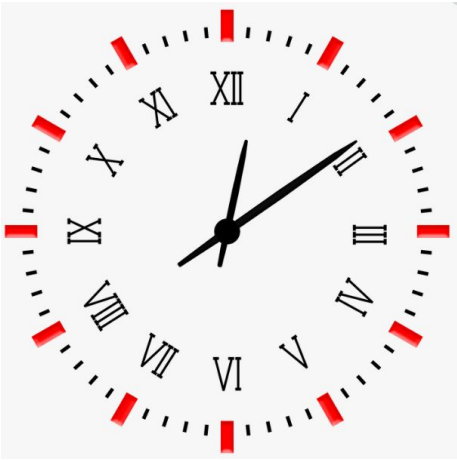
8000+5000=

Answers on the next slide

Fast Five Answers

24 x 5= 120

$$\begin{array}{r} 594 \\ -\ 256 \\ \hline 338 \end{array}$$



What time is it?
9 minutes past 12

25 ÷ 3= 8 r 1

8000+5000=13000

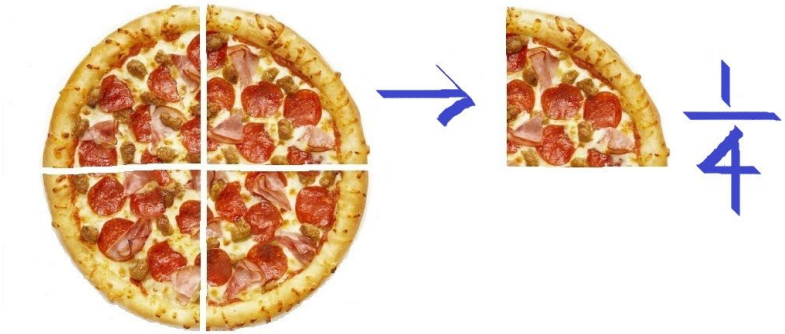
Fractions have two parts

1

The top number is the **numerator.** This number tells us how many equal parts of the whole have been taken.

4

The bottom number is the **denominator.** This number tells us how many equal parts the whole is split into.

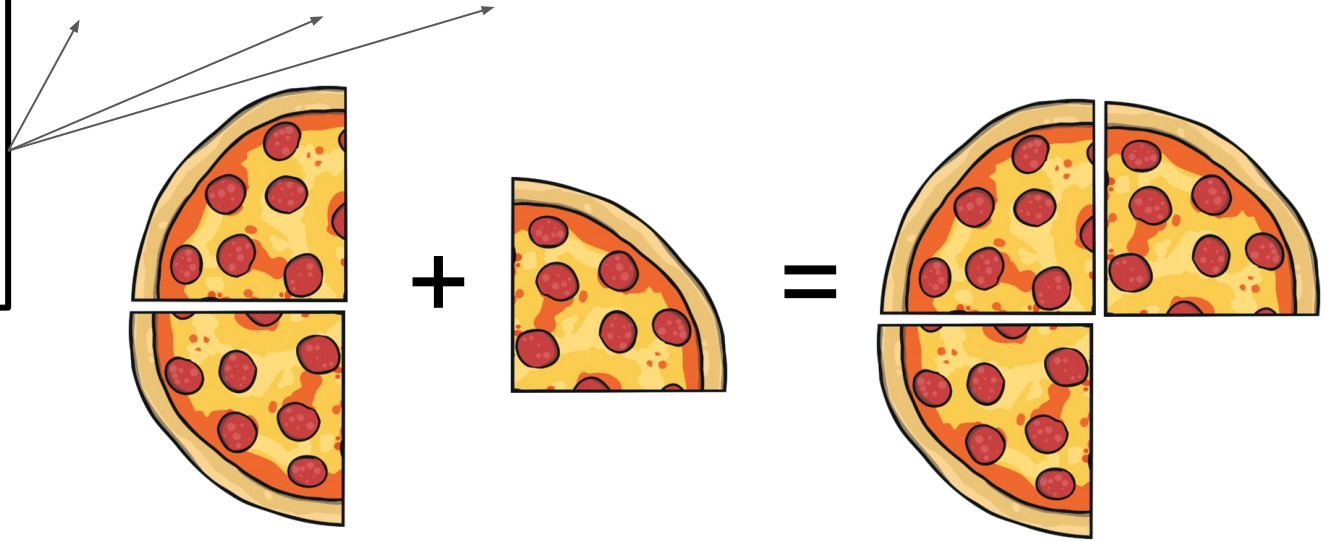


Adding Fractions with the same denominator

You then just add the numerators as you would normally.

$$\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

If the denominator is the same in both fractions, then it stays the same in the answer.



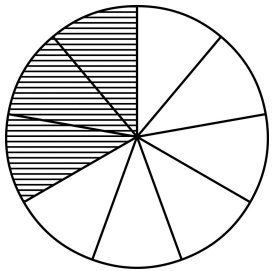
Answers on the next slide

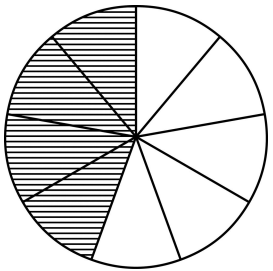
Have a go:

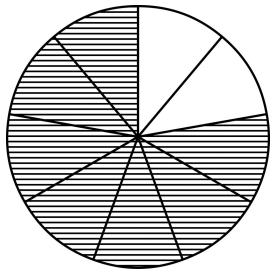
$$\frac{3}{9} + \frac{4}{9} =$$

Have a go:

$$\frac{3}{9} + \frac{4}{9} = \frac{7}{9}$$





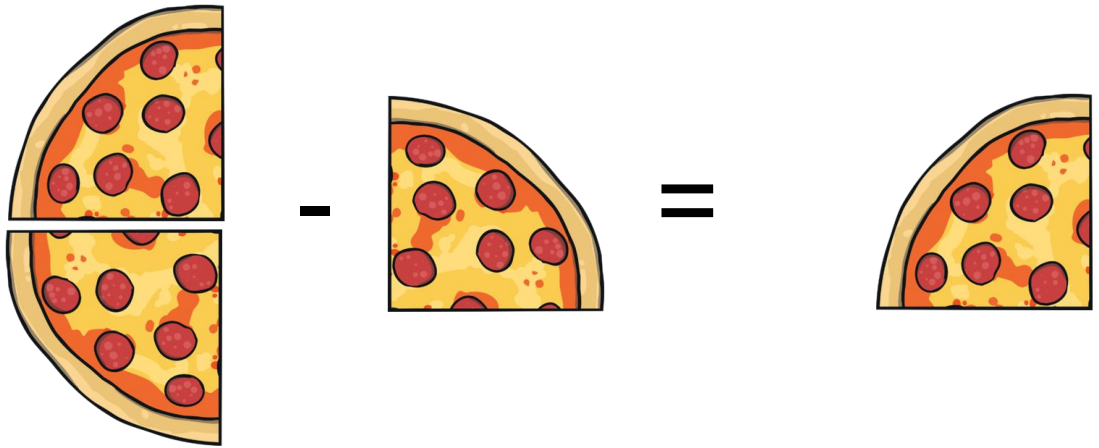


Subtracting Fractions with the same denominator

You then just subtract the numerators as you would normally.

$$\frac{2}{4} - \frac{1}{4} = \frac{1}{4}$$

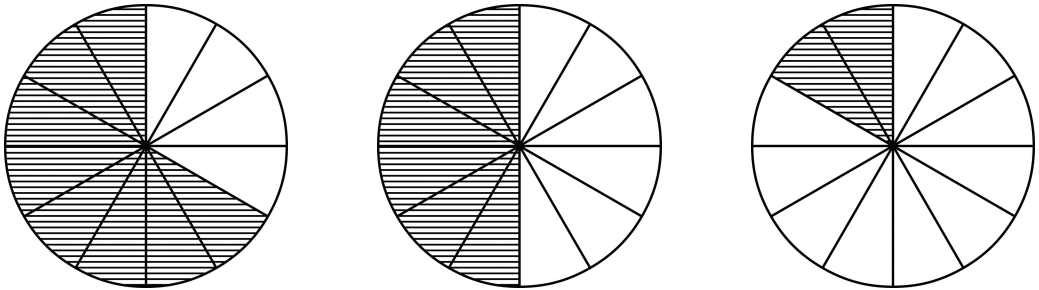
If the denominator is the same in both fractions, then it stays the same in the answer.



Answers on the next slide

Have a go:

$$\frac{8}{12} - \frac{6}{12} =$$

Have a go:

$$\frac{8}{12} - \frac{6}{12} = \frac{2}{12}$$