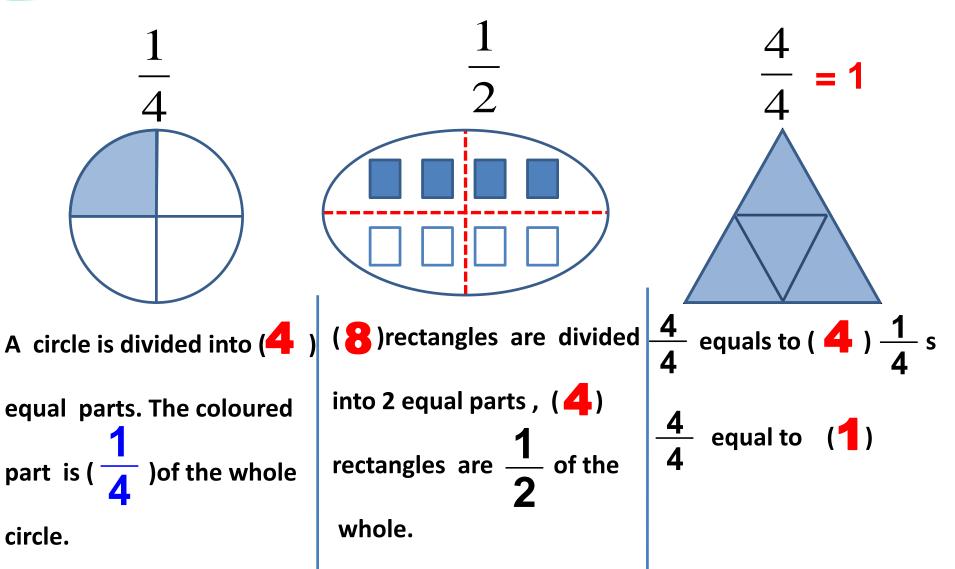


Shirley Du

Shanghai Primary School attached to Shanghai Teachers' Professional College -----23th Jan. 2018

Review: colour and fill in the blanks



Review:

$$\frac{3}{5} = (\text{three}) \quad \frac{1}{5} \text{ s} \qquad \frac{7}{12} = (\text{ seven}) \quad \frac{1}{12} \text{ s}$$
$$\frac{9}{10} = (\text{ nine }) \quad \frac{1}{10} \text{ s} \qquad \frac{5}{9} = (\text{ five }) \quad \frac{1}{9} \text{ s}$$

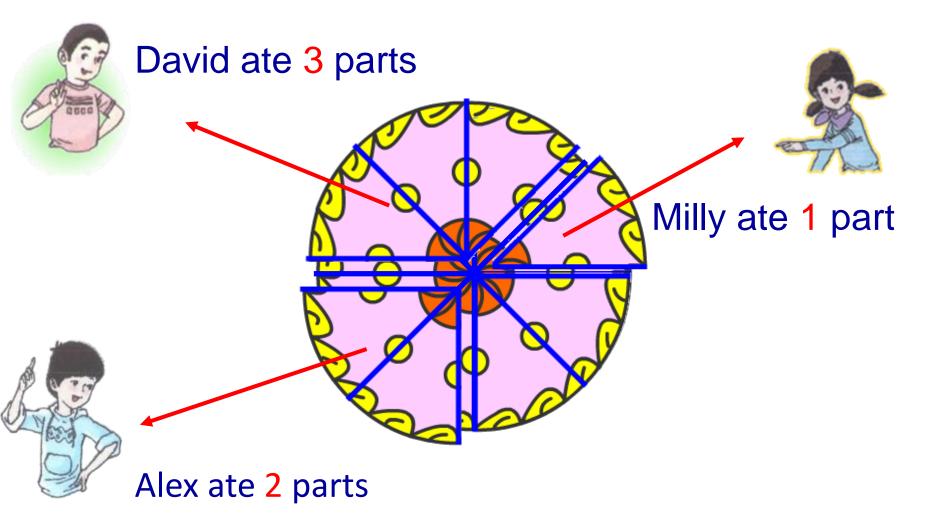




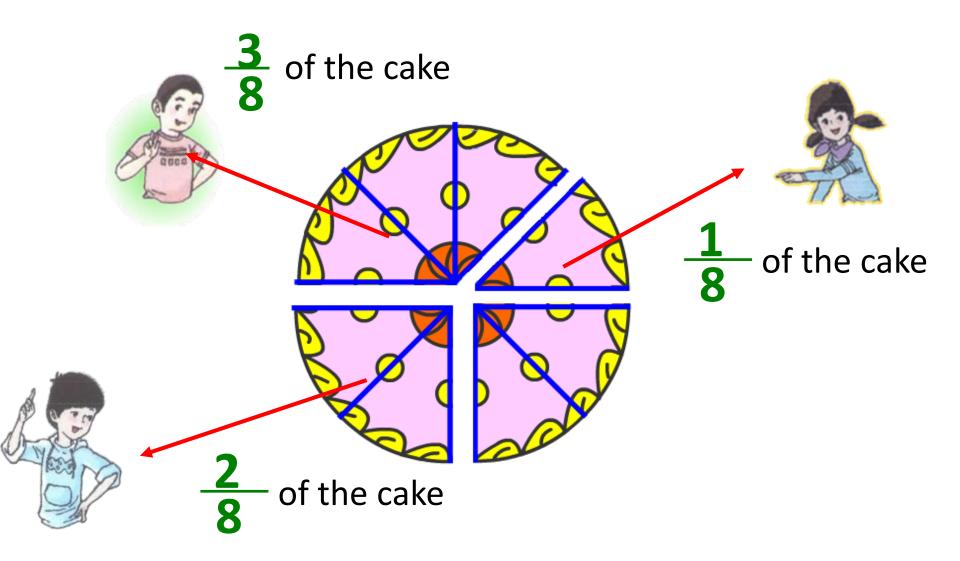
Addition of fractions



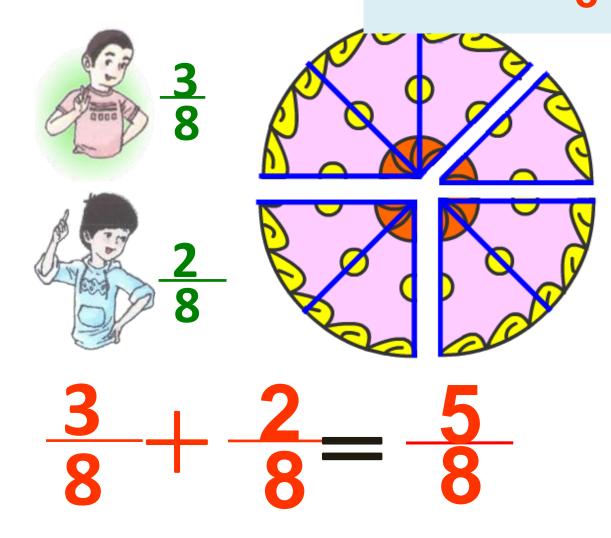
Mum divided the cake into 8 equal parts



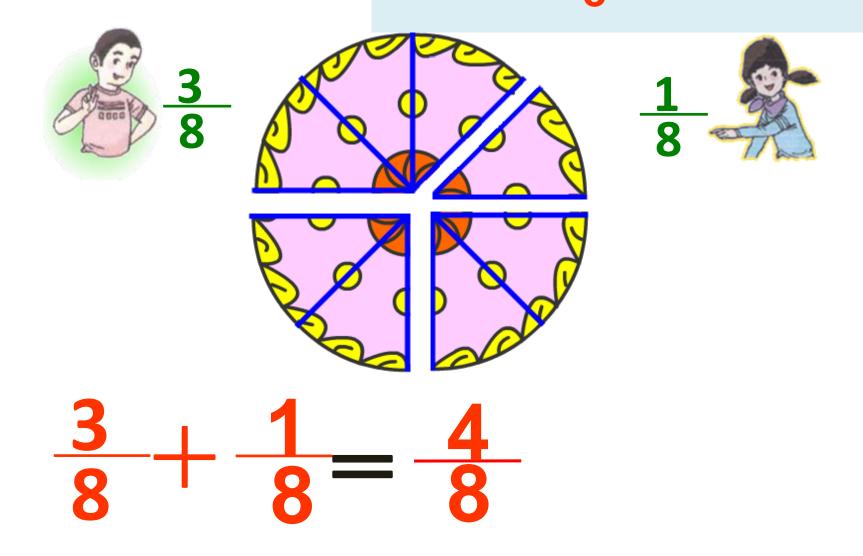
How many cake have they eaten?



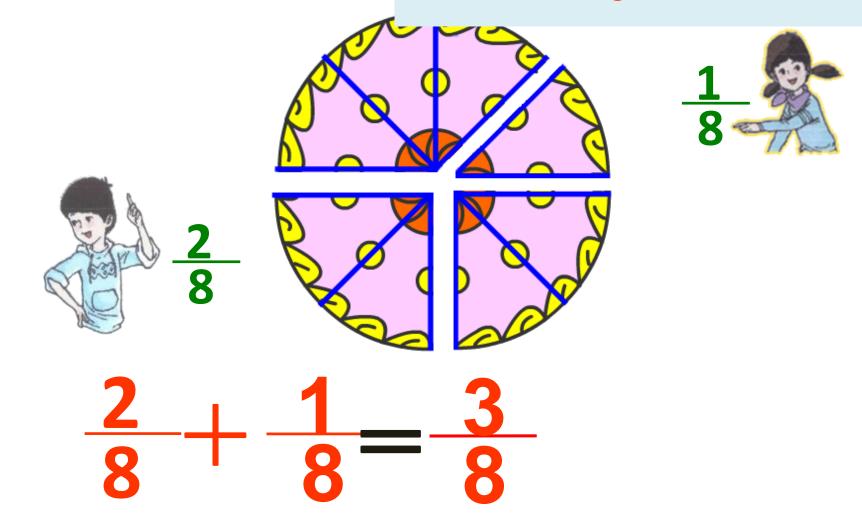
How many cake have David and Alex eaten in all? How many $\frac{1}{8}$ s add together?



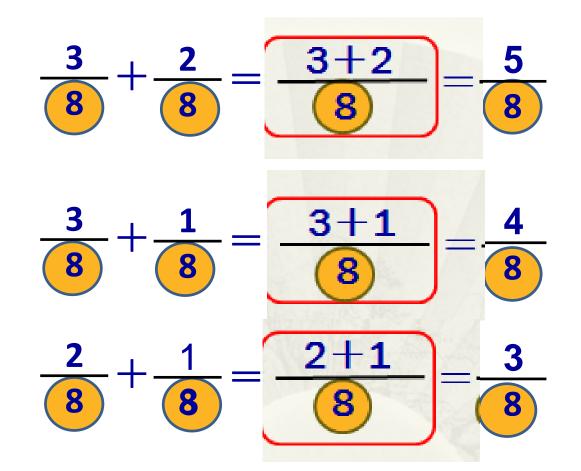
How many cakes have David and Milly eaten in all? How many $\frac{1}{8}$ s add together?



How many cakes have Alex and Milly eaten in all? How many $\frac{1}{8}$ s add together?



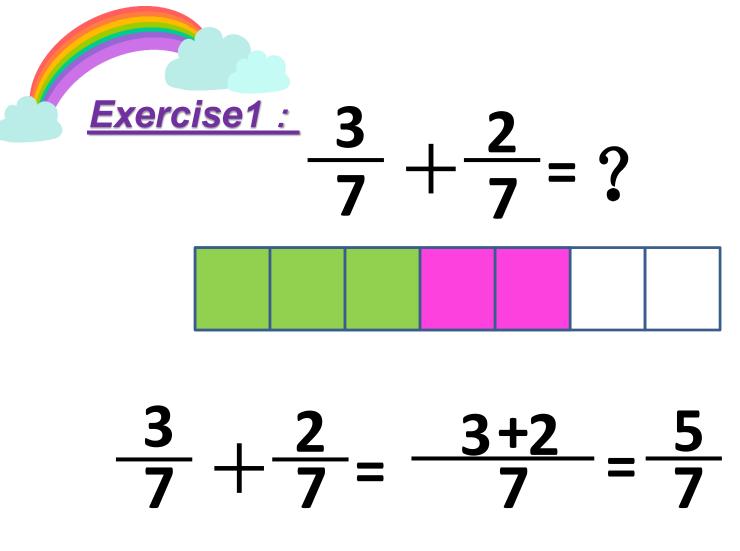
How do we get the answers?



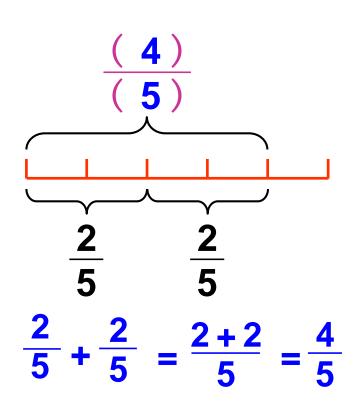


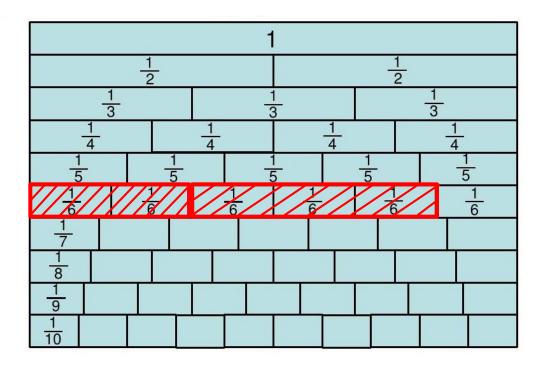
Adding fractions with the same denominator.

Keep the denominator, add the numerators.









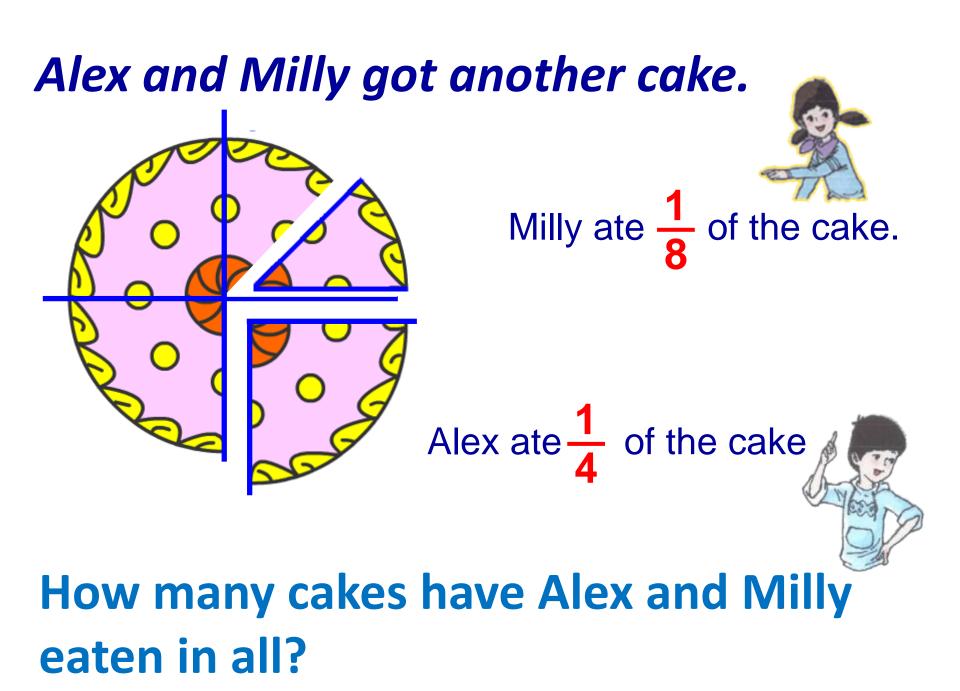
 $\frac{2}{6} + \frac{3}{6} = \frac{2+3}{6} = \frac{5}{6}$

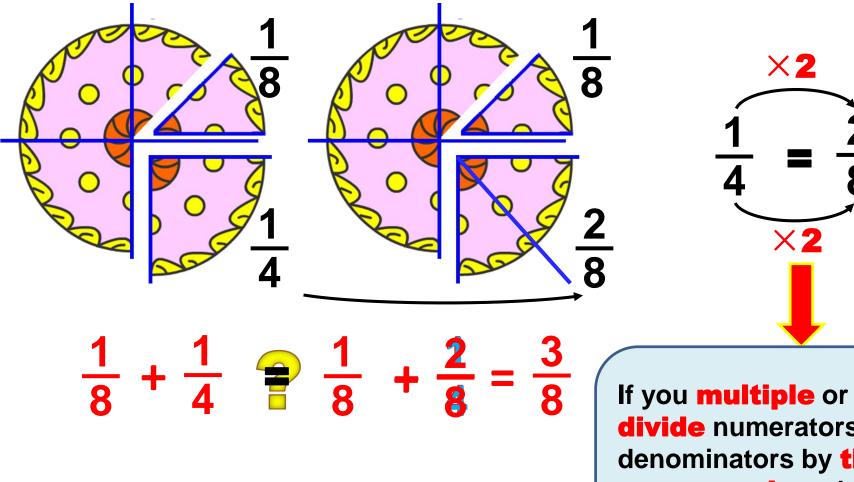
 $\frac{2}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{2+1+1+1}{5}$ When the numerator and the denominator are same ,we use **1** to express it.



$\frac{1}{11} + \frac{2}{11} + \frac{4}{11} = \frac{1+2+4}{11} = \frac{7}{11}$

$\frac{2}{26} + \frac{9}{26} + \frac{8}{26} = \frac{2}{26} + \frac{9}{26} + \frac{8}{26} = \frac{2+8+9}{26} = \frac{19}{26}$



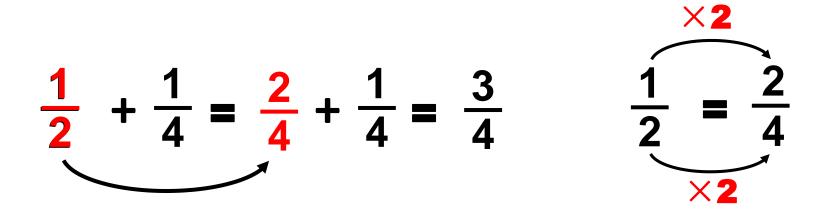


Before we add two fractions,

If you **multiple** or **divide** numerators and denominators by **the same number**, the new fraction will be equivalent to the original one.

we must have the same denominator.

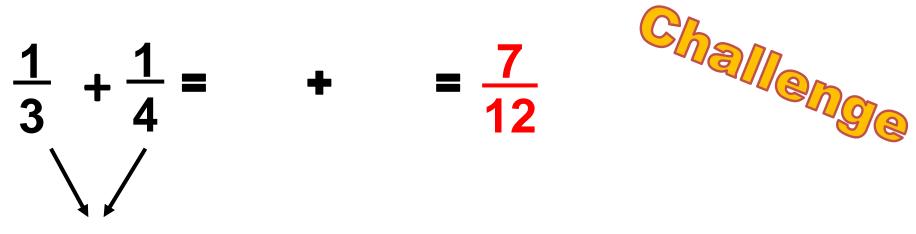




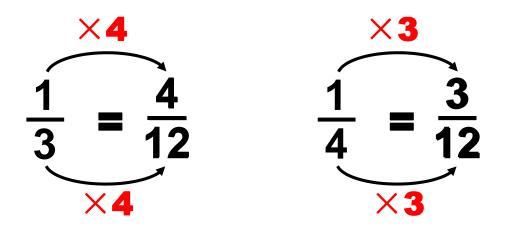
Exercise 5 :

•
$$\frac{2}{12} + \frac{5}{6} = \frac{1}{6} + \frac{5}{6} = \frac{6}{6} = 1$$
 $\frac{2}{12} = \frac{1}{6} + \frac{5}{6} = \frac{1}{6} = \frac{1}{6$

•
$$\frac{2}{12} + \frac{5}{6} = \frac{2}{12} + \frac{10}{12} = \frac{12}{12} = 1$$
 $\frac{5}{6} = \frac{10}{12}$



They have the same common multiple of 12



Before we add two fractions,

we must have the same denominator.

