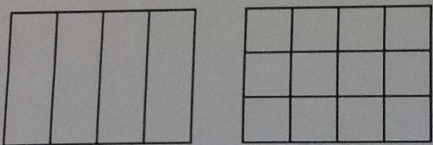


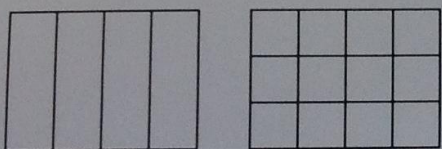
Year 5

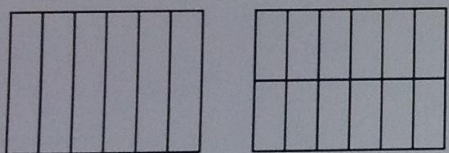
Go to white rose home learning week 4 lesson 2 and watch the video then complete the worksheet

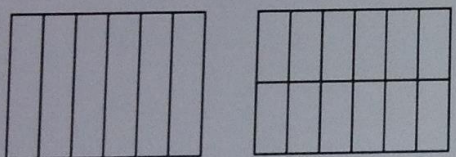
# Equivalent fractions

1 Shade the shapes to show the equivalent fractions.

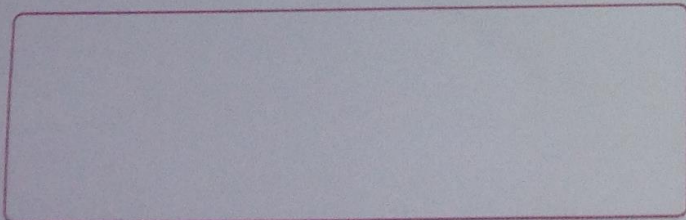
a)   $\frac{1}{4} = \frac{\square}{12}$

b)   $\frac{3}{4} = \frac{\square}{12}$

c)   $\frac{1}{6} = \frac{\square}{\square}$

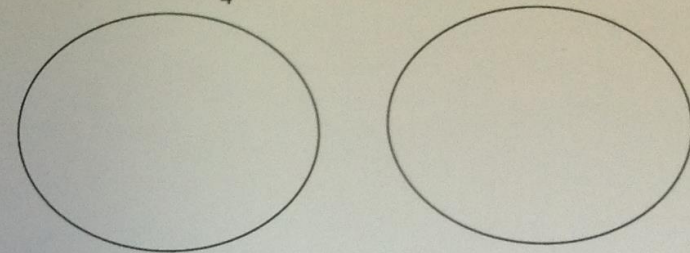
d)   $\frac{5}{6} = \frac{\square}{\square}$

2 Draw two rectangles to show that  $\frac{1}{3} = \frac{4}{12}$



3 a) Sort the fractions into the groups.

Equivalent to  $\frac{1}{4}$  Equivalent to  $\frac{1}{3}$



$\frac{5}{15}$   $\frac{2}{6}$   $\frac{3}{12}$   $\frac{6}{24}$   $\frac{8}{24}$   $\frac{5}{20}$   $\frac{4}{12}$   $\frac{2}{8}$

b) Write one more fraction in each group.

4 Complete the equivalent fractions.

a)  $\frac{1}{7} = \frac{\square}{14}$

d)  $\frac{3}{4} = \frac{6}{\square}$

g)  $\frac{2}{\square} = \frac{10}{15}$

b)  $\frac{5}{7} = \frac{\square}{14}$

e)  $\frac{3}{4} = \frac{12}{\square}$

h)  $\frac{2}{\square} = \frac{10}{25}$

c)  $\frac{7}{8} = \frac{14}{\square}$

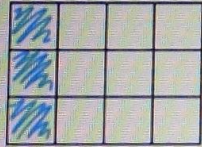
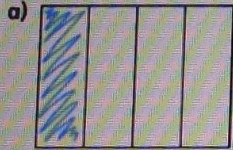
f)  $\frac{3}{4} = \frac{\square}{12}$

i)  $\frac{2}{7} = \frac{10}{\square}$

j) Describe the pattern in part g), h) and i) to a partner.



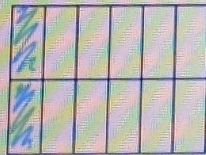
1 Shade the shapes to show the equivalent fractions.



$$\frac{1}{4} = \frac{\boxed{3}}{12}$$



$$\frac{3}{4} = \frac{\boxed{9}}{12}$$



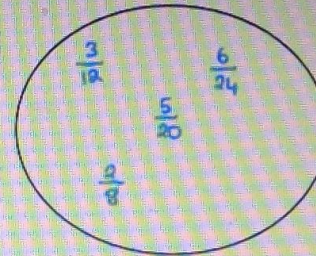
$$\frac{1}{6} = \frac{\boxed{2}}{12}$$



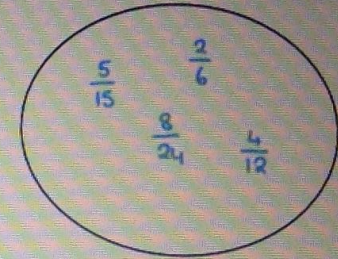
$$\frac{5}{6} = \frac{\boxed{10}}{12}$$



Equivalent to  $\frac{1}{4}$



Equivalent to  $\frac{1}{3}$



- |                |               |                |                |                |                |                |               |
|----------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|
| $\frac{5}{15}$ | $\frac{2}{6}$ | $\frac{3}{12}$ | $\frac{6}{24}$ | $\frac{8}{24}$ | $\frac{5}{20}$ | $\frac{4}{12}$ | $\frac{2}{8}$ |
|----------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|

b) Write one more fraction in each group.

4 Complete the equivalent fractions.

a)  $\frac{1}{7} = \frac{\boxed{2}}{14}$

d)  $\frac{3}{4} = \frac{6}{\boxed{8}}$

g)  $\frac{2}{\boxed{3}} = \frac{10}{15}$

b)  $\frac{5}{7} = \frac{\boxed{10}}{14}$

e)  $\frac{3}{4} = \frac{12}{\boxed{16}}$

h)  $\frac{2}{\boxed{5}} = \frac{10}{25}$