

YEAR 3



MATHS HOMEWORK

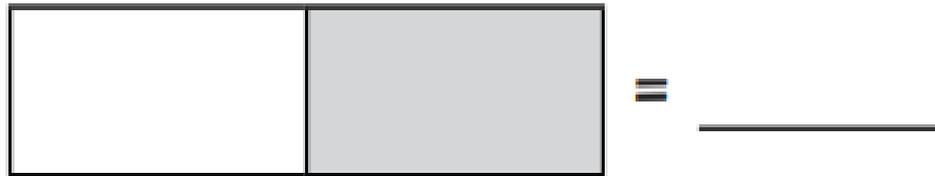
This week you have been looking at Fractions

Equivalents of Unit Fractions

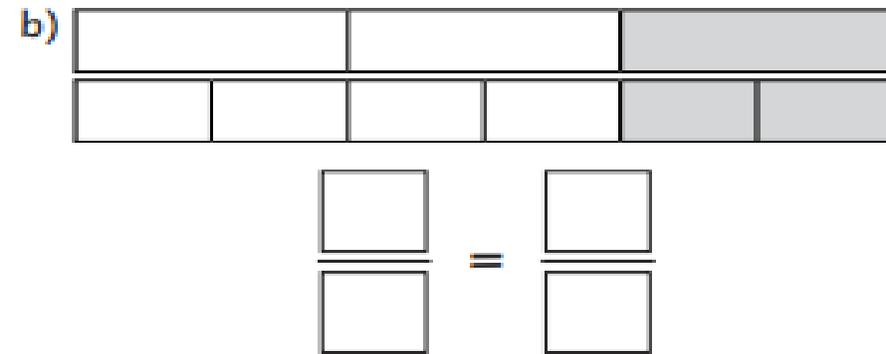
To recognise equivalents of unit fractions with small denominators.



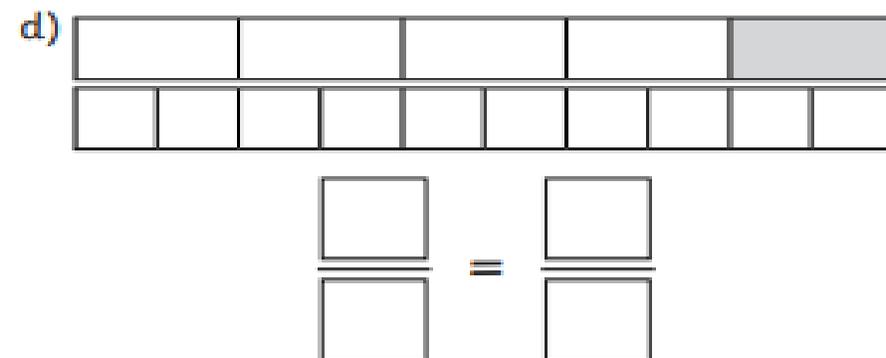
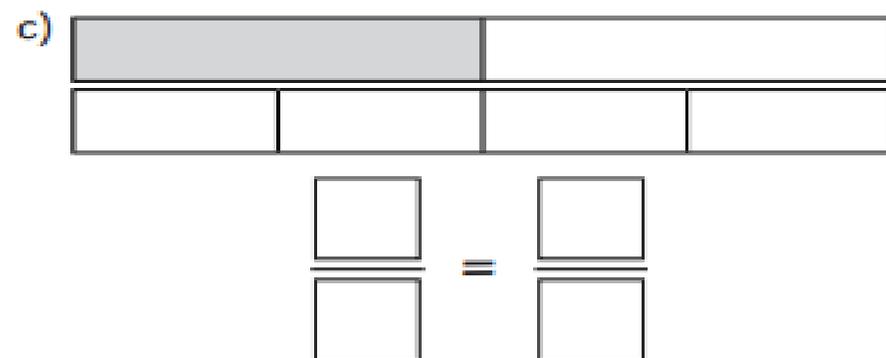
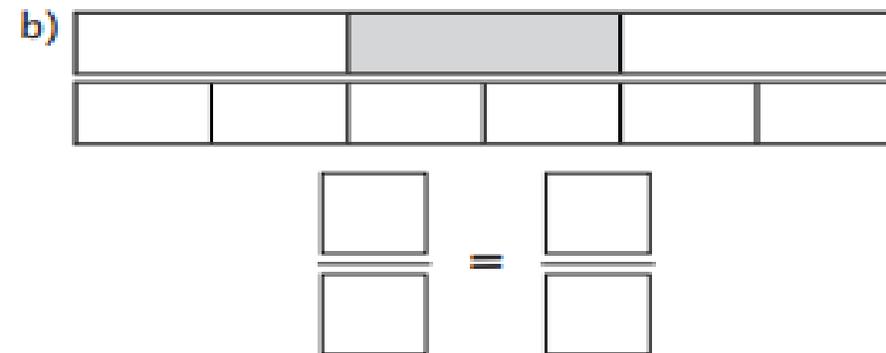
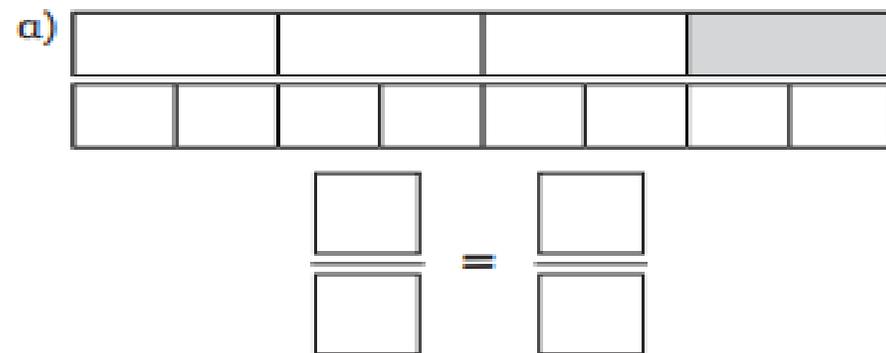
1) Write the fraction that each bar model shows.



2) Write the equivalent fractions.



3) Colour the bar models to show the equivalent fractions. then, write the equivalent fractions.



Equivalent Fractions

First, divide each line according to the denominator shown. Then, use each fraction line to find the equivalent fractions.



$\frac{1}{2}$



$\frac{1}{3}$



$\frac{1}{4}$



$\frac{1}{6}$



$\frac{1}{8}$



$\frac{1}{12}$

1. $\frac{6}{12} = \frac{\square}{2}$

2. $\frac{3}{\square} = \frac{1}{4}$

3. $\frac{2}{\square} = \frac{4}{12}$

4. $\frac{\square}{4} = \frac{6}{8}$

5. $\frac{4}{\square} = \frac{1}{3}$

6. $\frac{5}{6} = \frac{10}{\square}$

7. $\frac{2}{3} = \frac{8}{\square}$

8. $\frac{1}{\square} = \frac{2}{12}$

Challenge:

Using what you've learnt about the equivalence between the fractions above, can you work out these equivalent fractions?

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

10. $\frac{7}{8} = \frac{\square}{16}$

11. $\frac{5}{12} = \frac{10}{\square}$

12. $\frac{2}{3} = \frac{\square}{9}$