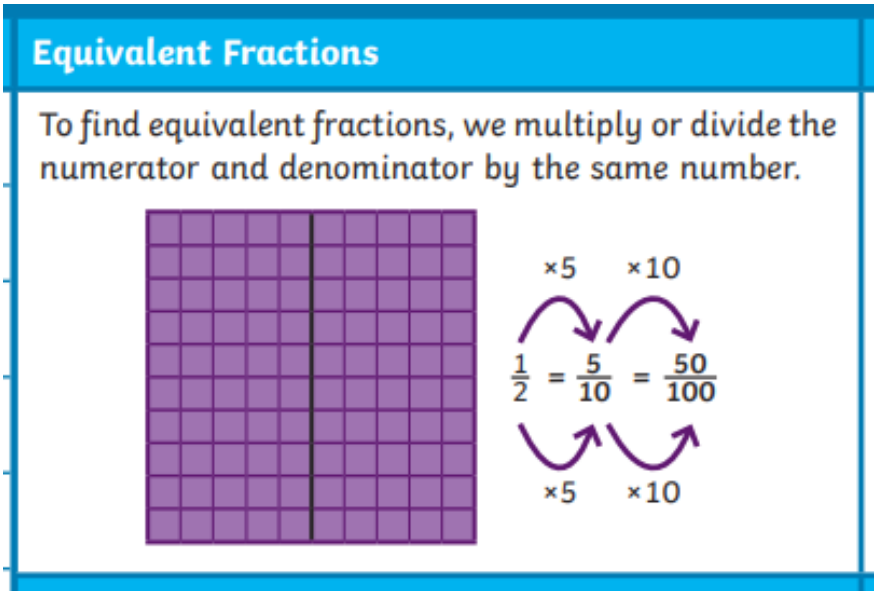
Year 5 Finding Equivalent Fractions

This term we have started to revise our understanding of fractions. For this activity we would like you to practice finding equivalent fractions.

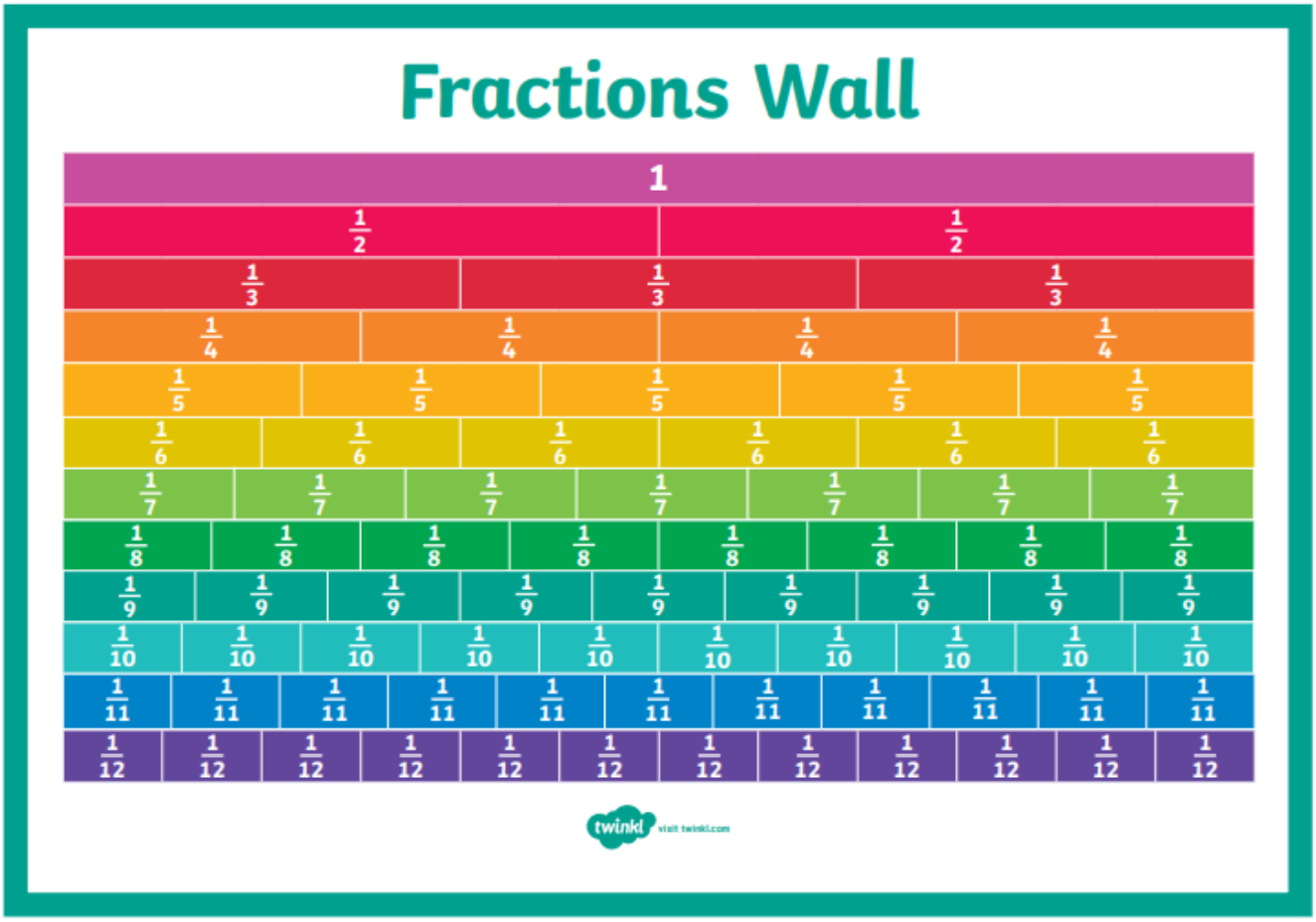


Equivalent is another way of saying equal.

Equivalent fractions are equal to one another.

They represent the same fraction but are presented differently.

We can use a fraction wall to help us spot some equivalent fractions.



Some useful videos:

https://www.bbc.co.uk/bitesize/topics/zsxhfg8/articles/zwjwgdm

https://www.bbc.co.uk/bitesize/articles/zb8wqp3

We have provided three challenge options below. The questions get progressively trickier.

I need more practice:

Fill in the numerator to make the fractions equivalent.

1. $\frac{1}{2} = \frac{\square}{4}$	2. $\frac{1}{12} = \frac{\square}{24}$	3. $\frac{1}{10} = \frac{\square}{20}$	4. $\frac{1}{8} = \frac{\square}{16}$
5. $\frac{3}{20} = \frac{\square}{40}$	6. $\frac{1}{6} = \frac{\square}{12}$	7. $\frac{1}{5} = \frac{\square}{10}$	8. $\frac{1}{4} = \frac{\square}{16}$
9. $\frac{3}{10} = \frac{\square}{20}$	10. $\frac{1}{3} = \frac{\square}{12}$	11. $\frac{7}{20} = \frac{\square}{40}$	12. $\frac{3}{8} = \frac{\square}{16}$
13. $\frac{2}{5} = \frac{\square}{20}$	14. $\frac{5}{12} = \frac{\square}{24}$	15. $\frac{19}{20} = \frac{\square}{40}$	16. $\frac{3}{5} = \frac{\square}{20}$
17. $\frac{5}{8} = \frac{\square}{16}$	18. $\frac{2}{3} = \frac{\square}{6}$	19. $\frac{3}{4} = \frac{\square}{8}$	20. $\frac{4}{5} = \frac{\square}{10}$
21. $\frac{5}{6} = \frac{\square}{12}$	22. $\frac{7}{8} = \frac{\square}{16}$	23. $\frac{9}{10} = \frac{\square}{40}$	24. $\frac{11}{12} = \frac{\square}{24}$

I know what to do:

1. $\frac{1}{2} = \frac{\square}{8}$	2. $\frac{3}{\square} = \frac{6}{10}$	3. $\frac{3}{4} = \frac{12}{\square}$	4. $\frac{\square}{10} = \frac{1}{2}$
5. $\frac{7}{\square} = \frac{14}{16}$	6. $\frac{2}{3} = \frac{\square}{12}$	7. $\frac{\square}{6} = \frac{4}{24}$	8. $\frac{1}{8} = \frac{2}{\square}$
9. $\frac{2}{10} = \frac{\square}{5}$	10. $\frac{2}{\square} = \frac{1}{3}$	11. $\frac{4}{5} = \frac{16}{\square}$	12. $\frac{\square}{16} = \frac{1}{4}$
13. $\frac{2}{\square} = \frac{8}{20}$	14. $\frac{2}{24} = \frac{\square}{12}$	15. $\frac{\square}{8} = \frac{3}{4}$	16. $\frac{8}{16} = \frac{1}{\square}$
17. $\frac{16}{20} = \frac{\square}{5}$	18. $\frac{7}{\square} = \frac{14}{20}$	19. $\frac{2}{12} = \frac{1}{\square}$	20. $\frac{\square}{16} = \frac{5}{8}$
21. $\frac{1}{\square} = \frac{8}{40}$	22. $\frac{4}{40} = \frac{\square}{20}$	23. $\frac{\square}{3} = \frac{8}{24}$	24. $\frac{10}{12} = \frac{5}{\square}$

I am confident:

Write 3 equivalent fractions to each of these fractions.

1. $\frac{1}{2} =$	9. $\frac{1}{6} =$
2. $\frac{1}{3} =$	10. $\frac{11}{12} =$
3. $\frac{3}{4} =$	11. $\frac{1}{5} =$
4. $\frac{4}{5} =$	12. $\frac{1}{4} =$
5. $\frac{2}{3} =$	13. $\frac{5}{12} =$
6. $\frac{5}{6} =$	14. $\frac{1}{10} =$
7. $\frac{3}{10} =$	15. $\frac{2}{5} =$
8. $\frac{7}{8} =$	16. $\frac{1}{8} =$