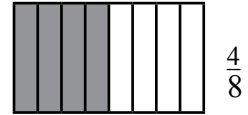
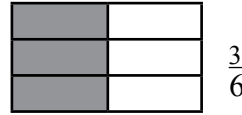


# Using Equivalent Fractions to find a Percentage

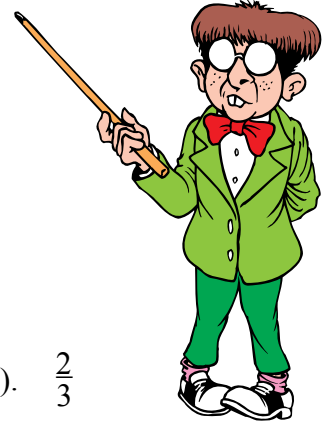
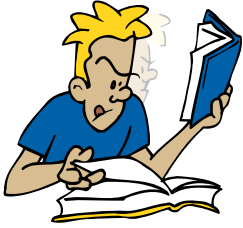


Equivalent fractions are fractions that are the same amount, but are given different names.  
Here are 4 equivalent fractions



We can see that  $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \dots\dots$

Can you spot a pattern?



A). By drawing out a diagram, or using any number patterns you can see, find **5** equivalent fractions to :

- |                   |                   |                   |                   |                    |
|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1). $\frac{1}{3}$ | 2). $\frac{1}{4}$ | 3). $\frac{1}{7}$ | 4). $\frac{1}{5}$ | 5). $\frac{2}{3}$  |
| 6). $\frac{3}{4}$ | 7). $\frac{2}{7}$ | 8). $\frac{3}{5}$ | 9). $\frac{5}{6}$ | 10). $\frac{4}{9}$ |

B). Copy out the question, then fill in the missing number for these equivalent fractions.

- |   |  |  |  |  |
|---|--|--|--|--|
| 1). $\frac{2}{3} = \frac{\quad}{15}$    | 2). $\frac{4}{5} = \frac{\quad}{20}$     | 3). $\frac{1}{3} = \frac{\quad}{12}$     | 4). $\frac{2}{5} = \frac{\quad}{35}$     | 5). $\frac{3}{7} = \frac{\quad}{28}$     |
| 6). $\frac{4}{7} = \frac{\quad}{14}$    | 7). $\frac{3}{5} = \frac{\quad}{40}$     | 8). $\frac{5}{6} = \frac{\quad}{18}$     | 9). $\frac{5}{6} = \frac{\quad}{30}$     | 10). $\frac{9}{12} = \frac{\quad}{36}$   |
| 11). $\frac{6}{7} = \frac{\quad}{77}$   | 12). $\frac{4}{9} = \frac{\quad}{36}$    | 13). $\frac{5}{12} = \frac{\quad}{60}$   | 14). $\frac{4}{5} = \frac{\quad}{45}$    | 15). $\frac{6}{11} = \frac{\quad}{121}$  |
| 16). $\frac{5}{7} = \frac{\quad}{77}$   | 17). $\frac{2}{5} = \frac{\quad}{30}$    | 18). $\frac{1}{2} = \frac{\quad}{24}$    | 19). $\frac{3}{4} = \frac{\quad}{44}$    | 20). $\frac{4}{7} = \frac{\quad}{63}$    |
| 21). $\frac{6}{50} = \frac{\quad}{100}$ | 22). $\frac{12}{50} = \frac{\quad}{100}$ | 23). $\frac{24}{50} = \frac{\quad}{100}$ | 24). $\frac{17}{50} = \frac{\quad}{100}$ | 25). $\frac{47}{50} = \frac{\quad}{100}$ |
| 26). $\frac{7}{20} = \frac{\quad}{100}$ | 27). $\frac{9}{20} = \frac{\quad}{100}$  | 28). $\frac{12}{20} = \frac{\quad}{100}$ | 29). $\frac{1}{20} = \frac{\quad}{100}$  | 30). $\frac{17}{20} = \frac{\quad}{100}$ |
| 31). $\frac{6}{10} = \frac{\quad}{100}$ | 32). $\frac{2}{10} = \frac{\quad}{100}$  | 33). $\frac{7}{10} = \frac{\quad}{100}$  | 34). $\frac{9}{10} = \frac{\quad}{100}$  | 35). $\frac{5}{10} = \frac{\quad}{100}$  |
| 36). $\frac{2}{25} = \frac{\quad}{100}$ | 37). $\frac{6}{25} = \frac{\quad}{100}$  | 37). $\frac{10}{25} = \frac{\quad}{100}$ | 39). $\frac{12}{25} = \frac{\quad}{100}$ | 40). $\frac{21}{25} = \frac{\quad}{100}$ |
| 41). $\frac{1}{2} = \frac{\quad}{100}$  | 42). $\frac{1}{4} = \frac{\quad}{100}$   | 43). $\frac{1}{5} = \frac{\quad}{100}$   | 44). $\frac{3}{4} = \frac{\quad}{100}$   | 45). $\frac{2}{5} = \frac{\quad}{100}$   |