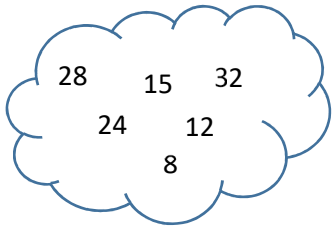
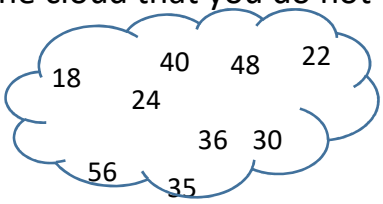
Equivalent Fractions Challenge

1 Use the numbers in the cloud to form fractions equivalent to:



a) $\frac{3}{4}$ b) $\frac{4}{5}$ c) $\frac{2}{7}$

2 Same again, but this time there are some extra numbers in the cloud that you do not need.



a) $\frac{2}{3}$ b) $\frac{5}{6}$ c) $\frac{5}{8}$

3 Find a fraction equivalent to $\frac{4}{9}$ in which the sum of the numerator and denominator is 156.

4 Find a fraction equivalent to $\frac{5}{7}$ in which the product of the numerator and denominator is 875.

5 Find the difference between $\frac{7}{11}$ and $\frac{9}{16}$.

6 Is this statement true or false? Explain your answer.

> ***If either the numerator or the denominator of a fraction is a prime number then the fraction must be in its simplest form.***

7 Is this statement true or false? Explain your answer.

> ***If both the numerator and the denominator of a fraction are prime numbers then the fraction must be in its simplest form.***