

Use this sheet **WHEN** you have completed the main worksheet and challenge sheet. Remember, this work is designed to be harder than the main work for the day.

Some may not appear too difficult, but you will need to explain your reasoning clearly.

**Equivalent Fractions Challenge**

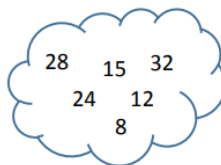
1.

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

a)  $\frac{3}{4}$

b)  $\frac{4}{5}$

c)  $\frac{2}{7}$



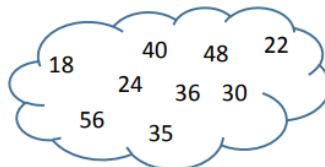
2.

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 which is equivalent to  $\frac{5}{7}$  and the sum (two numbers added together) of its numerator and denominator is 72.

4. Find a fraction which is equivalent to  $\frac{2}{5}$  and the product (two numbers multiplied together) of its numerator and denominator is 160.