

1) I'm thinking of a fraction.

- The denominator is a multiple of 30.
- The denominator is less than 1000.
- The fraction simplifies to  $\frac{3}{8}$ .

What could my fraction be? Find all the possibilities.

2) Using any of the numbers in the bubbles, explore how many fractions you can make that cannot be simplified. Find all the possibilities. Can you explain any patterns you notice?



Q1.

$$\frac{6}{5} \quad \frac{3}{5} \quad \frac{3}{4}$$

Write these fractions in order, starting with the **smallest**.

smallest

1 mark

Q2.

Joe says  $\frac{4}{7}$  is greater than  $\frac{5}{9}$

Explain why Joe is correct.

**Q3.**

$n$  and  $p$  stand for two numbers.

$n$  is a multiple of 5

$p$  is a multiple of 6

$$\frac{n}{p} = \frac{2}{3}$$

Find numbers that  $n$  and  $p$  stand for.