1) Write a fraction that is equal to each percentage.

   a) 50% =   d) 25% =   g) 75% =

2) What decimal is equal to each percentage?

   a) 10% =   b) 20% =   c) 75% =

3) Circle the two fractions that ARE NOT equal to 25%.

$$\frac{25}{100} \qquad \frac{5}{20} \qquad \frac{10}{40} \qquad \frac{15}{45} \qquad \frac{20}{80} \qquad \frac{1}{4} \qquad \frac{25}{80}$$
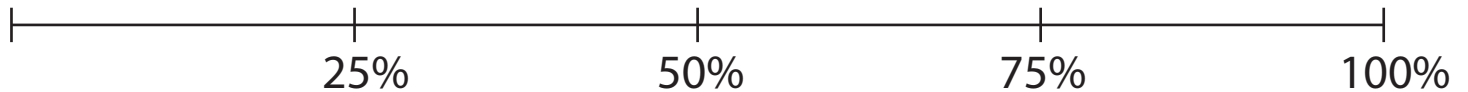
4) What percentage is equal to each decimal?

   a) 0.25 =   b) 0.7 =   c) 0.99 =

5) Show where these fractions and decimals belong on the number line.

$$\boxed{0.11} \quad \boxed{\frac{5}{20}} \quad \boxed{0.38} \quad \boxed{\frac{25}{50}} \quad \boxed{0.6} \quad \boxed{\frac{15}{20}} \quad \boxed{\frac{40}{50}} \quad \boxed{0.99}$$

25%	50%	75%	100%

6) Rewrite these in order from smallest to largest.

$$\frac{10}{100} \qquad 72\% \qquad 0.67 \qquad 0.09 \qquad 20\% \qquad \frac{40}{50}$$

7) Sam scored 34 out of 40 on a test. What is Sam's score as a percent?

8) 600 out of 2000 people surveyed prefer cats over dogs. What percentage of people prefer cats over dogs?

Equivalent fractions and decimals for percentage values