

- 1) Choose two of the following digits to make the number sentence true. (The fraction you make must be less than 1 whole.) How many number sentences can you create?



1      3      6      8      4

$$\frac{\square}{\square} > \frac{1}{5}$$

- 2) Choose two of the following digits to make the number sentence true. (The fraction you make must be less than 1 whole.) How many number sentences can you create?

6      1      10      2      9

$$\frac{\square}{\square} < \frac{5}{12}$$

Answers:

1) There are 8 possible answers:

$$\frac{1}{3} > \frac{1}{5}$$

$$\frac{1}{4} > \frac{1}{5}$$

$$\frac{3}{6} > \frac{1}{5}$$

$$\frac{3}{8} > \frac{1}{5}$$

$$\frac{3}{4} > \frac{1}{5}$$

$$\frac{6}{8} > \frac{1}{5}$$

$$\frac{4}{6} > \frac{1}{5}$$

$$\frac{4}{8} > \frac{1}{5}$$

2) There are 6 possible answers:

$$\frac{1}{6} < \frac{5}{12}$$

$$\frac{1}{10} < \frac{5}{12}$$

$$\frac{1}{9} < \frac{5}{12}$$

$$\frac{2}{6} < \frac{5}{12}$$

$$\frac{2}{9} < \frac{5}{12}$$

$$\frac{2}{10} < \frac{5}{12}$$