

Fractions to Decimals:

Option 1: Is the denominator a multiple of ten? 10, 100, 1000.....

Read the fraction and write it as a decimal. _____ • _____

$$\frac{3}{10}$$

$$\frac{7}{100}$$

$$\frac{13}{100}$$

$$\frac{7}{10}$$

$$\frac{67}{1000}$$

Option 2: Can you find an equivalent fraction that has a denominator that is a multiple of ten? 10, 100, 1000.....

Find the equivalent fraction that has a denominator that is a multiple of ten and read the number.

$$\frac{3}{5}$$

$$\frac{7}{25}$$

$$\frac{3}{50}$$

$$\frac{9}{20}$$

$$\frac{346}{500}$$

Option 3: The denominator is not a multiple of ten and you cannot find an equivalent fraction that has denominator that is a multiple of ten.

Divide the top number by the bottom number. Top box

$$\frac{1}{3}$$

$$\frac{5}{8}$$

$$\frac{11}{18}$$

$$\frac{3}{4}$$

$$\frac{6}{7}$$

What about mixed numbers? More than one whole.

Option 1

$$3\frac{9}{10}$$

$$2\frac{3}{100}$$

$$1\frac{47}{100}$$

$$4\frac{3}{10}$$

$$8\frac{17}{1000}$$

Option 2

$$2\frac{4}{5}$$

$$6\frac{7}{50}$$

$$3\frac{18}{25}$$

$$5\frac{7}{20}$$

Option 3

$$7\frac{2}{3}$$

$$3\frac{4}{7}$$

$$7\frac{7}{8}$$

$$\frac{16}{6}$$

$$\frac{19}{4}$$