

Practice tasks

1. Complete the table so that the numbers in each row represented by fractions, decimals and percents are equivalent:

Fraction	Decimal	Percent
$\frac{11}{10}$	1.1	110%
$\frac{3}{4}$	0.75	75%
$\frac{4}{100}$	0.04	4%
$\frac{25}{100}$	0.25	25%
$1\frac{1}{5}$	1.2	120%
3.5	3.5	350%
$\frac{125}{1000}$	0.125	12.5%

2. Order the following numbers from smallest to largest:

0.125 $\frac{3}{4}$ 1.5 1.45 0.25 $\frac{6}{12}$ 0.81 $\frac{2}{10}$ 0.09 1.1065

0.09 0.125 $\frac{2}{10}(0.2)$ 0.25 $\frac{6}{12}(0.5)$ $\frac{3}{4}(0.75)$ 0.81 1.1065 1.45 1.5

3. Write at least four equivalent fractions for each of the following fractions:

$$\frac{1}{2}$$

$$\frac{6}{8}$$

$$\frac{80}{100}$$

SAMPLE ANSWERS

$$\frac{1}{2}: \frac{40}{80}, \frac{13}{26}, \frac{423}{846}, \frac{3500}{7000},$$

The numerator should be half of the denominator, that is, half the number of equal parts in the whole.

$$\frac{6}{8}: \frac{3}{4}, \frac{30}{40}, \frac{66}{88}, \frac{6000}{8000},$$

The numerator (6) and denominator (8) should be multiplied or divided by the same amount. For example, each is divided by 2 to form the equivalent fraction $\frac{3}{4}$. Dividing the denominator by two results in half the number of equal parts in the whole, making each equal part twice as big. This requires the numerator to also be divided by two (half as many) so the fraction is equivalent.

$$\frac{80}{100} : \frac{8}{10}, \frac{4}{5}, \frac{480}{600}, \frac{800}{1000},$$

The numerator (8) and denominator (10) should be multiplied or divided by the same amount.