

# Fractions and Percents

Write each percent as a fraction in simplest form.

$$1) 32.5\% = \frac{32.5 \times 10}{100 \times 10} = \frac{325 \div 5}{1,000 \div 5} = \frac{65 \div 5}{200 \div 5} = \boxed{\frac{13}{40}}$$

$$2) 6\frac{1}{4}\% = \frac{6\frac{1}{4}}{100} = 6\frac{1}{4} \div 100 = \frac{25}{4} \div \frac{100}{1}$$
$$= \frac{25}{4} \cdot \frac{1}{100} = \boxed{\frac{1}{16}}$$

Write each fraction as a percent. Round to the nearest hundredth if necessary.

$$3) \frac{120}{25} \rightarrow \frac{n}{100}$$

$$\frac{25n}{25} = \frac{12000}{25}$$

$$\boxed{n = 480\%}$$

$$4) \frac{16}{21} \rightarrow \frac{n}{100}$$

$$\frac{21n}{21} = \frac{1600}{21}$$

$$\boxed{n = 76.19\%}$$