

Chapter 2 Practice Quiz

1. What is the fraction $\frac{13}{20}$ written as a percent?

$$\frac{13}{20} = \frac{65}{100} = 65\%$$

(13)

2. What is 21.2% written as a fraction in simplest form?

$$\frac{21.2}{100} \times \frac{10}{10} = \frac{212}{1000} = \frac{106}{500} = \frac{53}{250}$$

3. What is 0.002 written as a percent?

$$\frac{0.002}{1} = \frac{0.2}{100}$$

(0.2%)

Name Key

5. What is 11.22 written as a mixed number?

$$11 \frac{22}{100} = 11 \frac{11}{50}$$

6. What is $3 \frac{9}{20}$ written as a decimal?

$$3 \frac{9}{20} = 3.45$$
$$20 \overline{) 9.00} \begin{array}{r} 45 \\ 80 \\ \hline 100 \end{array}$$

7. Put the following numbers in order from least to greatest

$\frac{1}{2}$, 20%, $\frac{1}{4}$, 0.45

.5, .2, .25, .45

20%, $\frac{1}{4}$, .45, $\frac{1}{2}$

$$2 \overline{) 1.0} \begin{array}{r} 5 \\ 10 \\ \hline 20 \end{array}$$

$$4 \overline{) 1.00} \begin{array}{r} 25 \\ 100 \\ - 80 \\ \hline 20 \end{array}$$

8. Shade 25% of the figure below. Write your shaded region as a fraction, then simplify that fraction.