

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

$$\frac{21.2}{100} \times 10 = \frac{212}{1000}$$

NOW, reduce...

$$21.2\% \text{ vs } 21.2$$
$$\frac{21.2}{100} \left. \vphantom{\frac{21.2}{100}} \right\} 21\frac{2}{10}$$

6th Grade
Math

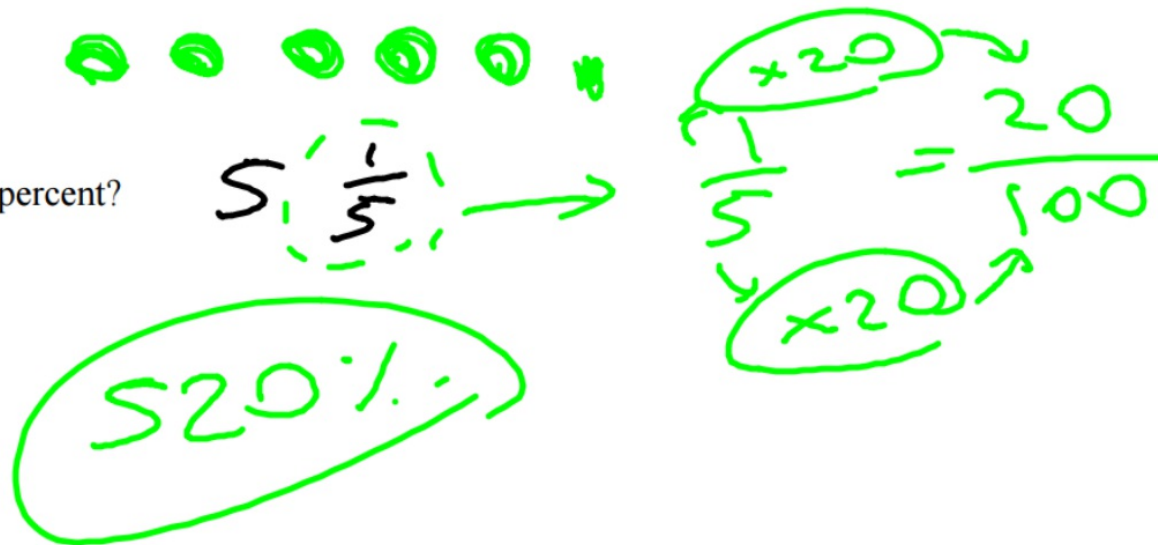
Name _____

5. What is 11.22 written as a mixed number?

$$11.22 = 11\frac{22}{100} = 11\frac{11}{50}$$

6. What is $3\frac{9}{10}$ written as a decimal?

4. What is $5\frac{1}{5}$ written as a percent?



3. What is 0.002 written as a percent?

$$\frac{2}{1000} \xrightarrow{\div 10} \frac{.2}{100} = 0.2\%$$

The diagram shows the conversion of the fraction $\frac{2}{1000}$ to a decimal fraction $\frac{.2}{100}$. A curved arrow labeled $\div 10$ points from the numerator 2 to the decimal point in .2. Another curved arrow labeled $\div 10$ points from the denominator 1000 to the denominator 100. The final result, 0.2%, is circled in green.

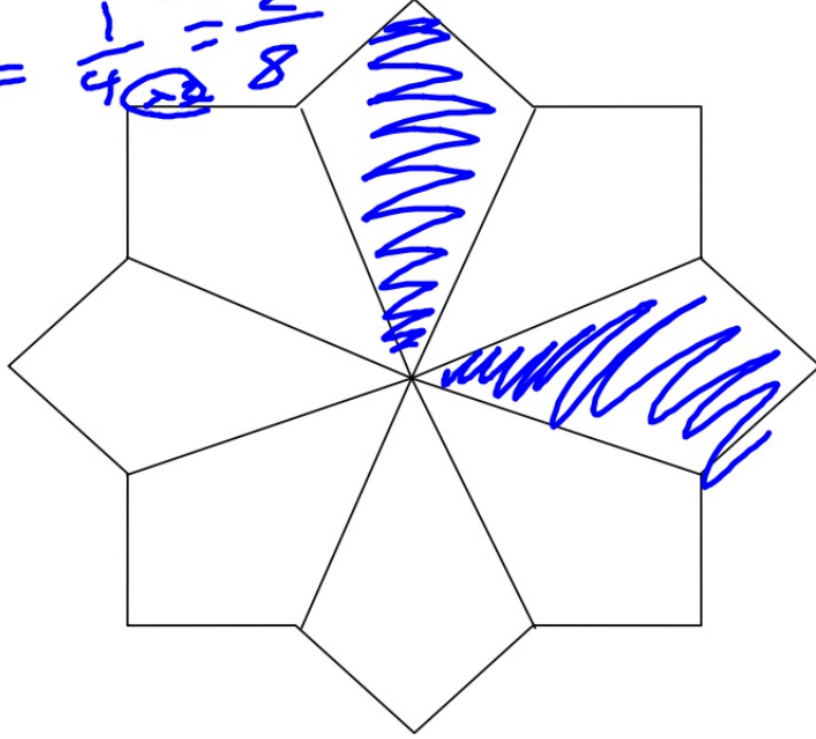
6. What is $3\frac{9}{20}$ written as a decimal?

$$3.45$$

$$\begin{array}{r} 20 \overline{) 9.0} \\ \underline{80} \\ 100 \\ \underline{80} \\ 200 \\ \underline{180} \\ 200 \\ \underline{200} \\ 0 \end{array}$$

⑧

$$\frac{25}{5} = \frac{1}{4} \times 2 \frac{2}{8}$$



total
25
2 5/8

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

$$\begin{array}{r} 20 \overline{) 9.00} \\ - 80 \\ \hline 100 \\ - 100 \\ \hline 0 \end{array}$$

3.45

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

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

0.25

$\frac{2}{8}$

$\frac{25}{100} = \frac{1}{4} \times 2$

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

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

50%, 25%, 45%

$$\frac{1}{2} = \frac{50}{100}$$

$$.45 = \frac{45}{100} = 45\%$$
$$\frac{1}{4} = \frac{25}{100}$$

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