

Write the decimal number.

1) four and three hundredths

$4.03$

Write the decimal number in words.

2) 0.007

$\frac{7}{1000}$

seven thousandths

Write the decimal as a fraction.

3)  $0.3 =$

$\frac{3}{10}$

Write each fraction as a decimal.

4)  $\frac{13}{100} =$

$.13$

Or the long way:

$$\begin{array}{r} .13 \\ 100 \overline{)13.00} \\ \underline{-100} \\ 300 \\ \underline{-300} \\ 0 \end{array}$$

5)  $\frac{1}{8} =$

$.125$   
 $8 \overline{)1.000}$   
 $\underline{-8}$   
 $20$   
 $\underline{-16}$   
 $40$   
 $\underline{-40}$   
 $0$

Much harder to notice:

$\frac{1 \cdot 125}{8 \cdot 125} = \frac{125}{1000} = .125$

Round to the hundredths place.

6)  $12.0247 \approx$   $12.02$

$\frac{100}{100}$

7)  $0.396 \approx$   $0.40$

Use <, >, or = to make a true statement.

8)  $0.04 > 0.03957$

9)  $-7.14 > -7.18$

Write the decimal number.

10) negative nine and two tenths

$-9.2$

Write the decimal number in words.

11) 5.012

$\frac{12}{1000}$

five and twelve thousandths

Write the decimal as a fraction.

12)  $-0.25 =$

$-\frac{25}{100} = -\frac{1}{4}$

Write each fraction as a decimal.

13)  $\frac{7}{11} =$

$.63$

$$\begin{array}{r} .6363 \dots \\ 11 \overline{)7.0000} \\ \underline{-66} \\ 40 \\ \underline{-33} \\ 70 \\ \underline{-66} \\ 40 \\ \underline{-33} \\ 70 \end{array}$$

14)  $5\frac{6}{25} =$   $5.24$

$$\begin{array}{r} .24 \\ 25 \overline{)6.00} \\ \underline{-50} \\ 100 \\ \underline{-100} \\ 0 \end{array}$$

Or notice that:

$\frac{6 \cdot 4}{25 \cdot 4} = \frac{24}{100} = .24$

Round to the ones place.

15)  $-45.813 \approx$   $-46$

16)  $7.289 \approx$   $7$

Use <, >, or = to make a true statement.

17)  $-8.29 < 8.029$

18)  $274.053 > 274.0503$

Write the decimal number.

19) two hundred six ten-thousandths

$.0206$

Write the decimal number in words.

20)  $-6.02$

negative six and two hundredths

Write the decimal as a mixed number.

21)  $9.006 = 9\frac{6}{1000} = 9\frac{3}{500}$

Write each fraction as a decimal.

22)  $\frac{7}{20} =$

$.35$   
 $20 \overline{)7.00}$   
 $\underline{-60}$   
 $100$   
 $\underline{-100}$   
 $0$

Or notice that:

$\frac{7 \cdot 5}{20 \cdot 5} = \frac{35}{100} = .35$

23)  $\frac{13}{6} =$   $2.1\bar{6}$   $2.166\dots$

$$\begin{array}{r} 2.166 \dots \\ 6 \overline{)13.000} \\ \underline{-12} \\ 10 \\ \underline{-6} \\ 40 \\ \underline{-36} \\ 40 \\ \underline{-36} \\ 40 \end{array}$$

Round to the thousandths place.

24)  $0.03072 \approx$   $0.031$

25)  $-8.2695 \approx$   $-8.270$

Use <, >, or = to make a true statement.

26)  $-1.073 < -1.070$

27)  $0.0592 = 0.059200$