

Write each number in $\frac{m}{n}$ form where m and n are integers with $n \neq 0$.
Simplify your answers.

1 20.75

Write each number in $\frac{m}{n}$ form where m and n are integers with $n \neq 0$.
Simplify your answers.

2 -0.48

Write each number in $\frac{m}{n}$ form where m and n are integers with $n \neq 0$.
Simplify your answers.

3 $4\frac{6}{13}$

Write each number in $\frac{m}{n}$ form where m and n are integers with $n \neq 0$.
Simplify your answers.

4 $-\frac{39}{56}$

Write each number in $\frac{m}{n}$ form where m and n are integers with $n \neq 0$.
Simplify your answers.

5 1.34

Write each number in $\frac{m}{n}$ form where m and n are integers with $n \neq 0$.
Simplify your answers.

6 60%

For each pair of numbers, find the absolute value of each number. Then,
determine which number is farther from 0 on the number line.

7 -16 and -18

For each pair of numbers, find the absolute value of each number. Then,
determine which number is farther from 0 on the number line.

8 $-\frac{15}{4}$ and $\frac{18}{7}$

For each pair of numbers, find the absolute value of each number. Then, determine which number is farther from 0 on the number line.

9 2.36 and -2.7

For each pair of numbers, find the absolute value of each number. Then, determine which number is farther from 0 on the number line.

10 $\frac{31}{3}$ and $\frac{40}{6}$

Using long division, write each rational number as a decimal

11 $\frac{7}{56}$

Using long division, write each rational number as a decimal

12 $9\frac{13}{20}$

Using long division, write each rational number as a decimal

$$13 \quad \frac{100}{11}$$

Using long division, write each rational number as a decimal

$$14 \quad -\frac{5}{12}$$

Using long division, write each rational number as a decimal


$$15 \quad -2\frac{9}{55}$$

Using long division, write each rational number as a decimal

$$16 \quad 47\%$$


Use the irrational numbers below for questions 17 to 20.

$$\sqrt{31}, -\sqrt{112}, \sqrt[3]{142}, -\frac{1}{4}\pi^3$$

- 17  Using rational numbers, find a segment with a distance of not more than 0.1 to locate each irrational number approximately on the real number line.

Use the irrational numbers below for questions 17 to 20.

$$\sqrt{31}, -\sqrt{112}, \sqrt[3]{142}, -\frac{1}{4}\pi^3$$

- 18  Write a rational approximation of each irrational number correct to 2 decimal places.

Use the irrational numbers below for questions 17 to 20.

$$\sqrt{31}, -\sqrt{112}, \sqrt[3]{142}, -\frac{1}{4}\pi^3$$

- 19 Graph on a real number line the interval and the approximate location of each irrational number.

Use the irrational numbers below for questions 17 to 20.

$$\sqrt{31}, -\sqrt{112}, \sqrt[3]{142}, -\frac{1}{4}\pi^3$$

- 20 Order the irrational numbers from greatest to least using the symbol $>$.

