

Dividing Integers

Date _____ Period _____

Divide.

1) $\frac{-32}{8}$

2) $\frac{-30}{-10}$

3) $\frac{-18}{-6}$

4) $\frac{-24}{-8}$

5) $\frac{-5}{-5}$

6) $\frac{40}{8}$

7) $\frac{56}{8}$

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

9) $\frac{-70}{7}$

10) $\frac{20}{-2}$

11) $\frac{9}{3}$

12) $\frac{50}{5}$

13) $\frac{30}{-5}$

14) $\frac{70}{-7}$

15) $\frac{1}{-1}$

16) $\frac{-6}{3}$

Dividing Integers

Date _____ Period _____

Divide.

1) $\frac{-32}{8}$

Answer:
-4

2) $\frac{-30}{-10}$

Answer: 3

3) $\frac{-18}{-6}$

Answer: 3

4) $\frac{-24}{-8}$

Answer: 3

5) $\frac{-5}{-5}$

Answer: 1

6) $\frac{40}{8}$

Answer: 5

7) $\frac{56}{8}$

Answer: 7

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

Answer:
-5

9) $\frac{-70}{7}$

Answer:
-10

10) $\frac{20}{-2}$

Answer:
-10

11) $\frac{9}{3}$

Answer: 3

12) $\frac{50}{5}$

Answer: 10

13) $\frac{30}{-5}$

Answer:
-6

14) $\frac{70}{-7}$

Answer:
-10

15) $\frac{1}{-1}$

Answer:
-1

16) $\frac{-6}{3}$

Answer:
-2

MathVine - Pre-Algebra

Name _____

Dividing Integers

Date _____ Period _____

Solution Steps

1) $\frac{-32}{8}$

Divide numbers first and get 4

Because we have a negative divided by a positive, the resulting sign is negative

$$-32 / 8 = -4$$

2) $\frac{-30}{-10}$

Divide numbers first and get 3

Because we have a negative divided by a negative, the resulting sign is positive

$$-30 / -10 = 3$$

3) $\frac{-18}{-6}$

Divide numbers first and get 3

Because we have a negative divided by a negative, the resulting sign is positive

$$-18 / -6 = 3$$

4) $\frac{-24}{-8}$

Divide numbers first and get 3

Because we have a negative divided by a negative, the resulting sign is positive

$$-24 / -8 = 3$$

5) $\frac{-5}{-5}$

Divide numbers first and get 1

Because we have a negative divided by a negative, the resulting sign is positive

$$-5 / -5 = 1$$

6) $\frac{40}{8}$

Divide numbers first and get 5

Because we have a positive divided by a positive, the resulting sign is positive

$$40 / 8 = 5$$

7) $\frac{56}{8}$

Divide numbers first and get 7

Because we have a positive divided by a positive, the resulting sign is positive

$$56 / 8 = 7$$

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

Divide numbers first and get 5

Because we have a negative divided by a positive, the resulting sign is negative

$$-5 / 1 = -5$$

$$9) \frac{-70}{7}$$

Divide numbers first
and get 10

Because we have a
negative divided by
a positive, the
resulting sign is
negative

$$-70 / 7 = -10$$

$$10) \frac{20}{-2}$$

Divide numbers first
and get 10

Because we have a
positive divided by a
negative, the
resulting sign is
negative

$$20 / -2 = -10$$

$$11) \frac{9}{3}$$

Divide numbers first
and get 3

Because we have a
positive divided by a
positive, the
resulting sign is
positive

$$9 / 3 = 3$$

$$12) \frac{50}{5}$$

Divide numbers first
and get 10

Because we have a
positive divided by a
positive, the
resulting sign is
positive

$$50 / 5 = 10$$

$$13) \frac{30}{-5}$$

Divide numbers first
and get 6

Because we have a
positive divided by a
negative, the
resulting sign is
negative

$$30 / -5 = -6$$

$$14) \frac{70}{-7}$$

Divide numbers first
and get 10

Because we have a
positive divided by a
negative, the
resulting sign is
negative

$$70 / -7 = -10$$

$$15) \frac{1}{-1}$$

Divide numbers first
and get 1

Because we have a
positive divided by a
negative, the
resulting sign is
negative

$$1 / -1 = -1$$

$$16) \frac{-6}{3}$$

Divide numbers first
and get 2

Because we have a
negative divided by
a positive, the
resulting sign is
negative

$$-6 / 3 = -2$$