

5.10

Negative Integer Divided by a Positive Integer

• Example 1

Divide:

$$-24 \div 3$$

$$-24 \div 3 = \frac{-24}{3} = -\frac{24}{3} = -8$$

1. If two numbers have the same sign, the quotient is positive
2. If two numbers have different signs, the quotient is negative.

● ● ● CHECK YOURSELF 1

Divide: $-18 \div 3$

● ● ● CHECK YOURSELF ANSWER

1. -6.

5.10 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Divide.

1. $\frac{-50}{5}$

2. $-36 \div 6$

3. $-20 \div 5$

4. $-45 \div 9$

5. $\frac{-25}{1}$

6. $\frac{-150}{6}$

7. $\frac{-45}{5}$

8. $-72 \div 8$

9. $-42 \div 7$

10. $\frac{-84}{7}$