

5.11

Positive Integer Divided by a Negative Integer

• Example 1

The numbers 20 and -5 have different signs, and so the quotient is negative.

Divide.

$$20 \div (-5) = -4 \quad \text{Since } 20 = (-5)(-4)$$

● ● ● CHECK YOURSELF 1

Divide.

$$36 \div (-4)$$

● ● ● CHECK YOURSELF ANSWER

1. -9 .

5.11 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

Divide.

1. $15 \div (-3)$

2. $\frac{42}{-6}$

3. $\frac{60}{-15}$

4. $70 \div (-10)$

5. $12 \div (-4)$

6. $48 \div (-6)$

7. $\frac{56}{-8}$

8. $\frac{96}{-8}$

9. $65 \div (-13)$

10. $32 \div (-16)$