

Lesson 2.6 Dividing Integers

The quotient of two integers with the same sign is positive.

$$8 \div 2 = 4$$
$$-8 \div (-2) = 4$$

The quotient of two integers with different signs is negative.

$$8 \div (-2) = -4$$
$$-8 \div 2 = -4$$

Divide.

a

1. $12 \div 4 = \underline{\quad}$

2. $7 \div (-1) = \underline{\quad}$

3. $81 \div (-3) = \underline{\quad}$

4. $21 \div (-7) = \underline{\quad}$

5. $12 \div (-12) = \underline{\quad}$

6. $20 \div 2 = \underline{\quad}$

7. $288 \div (-18) = \underline{\quad}$

8. $136 \div (-8) = \underline{\quad}$

9. $168 \div 12 = \underline{\quad}$

10. $240 \div (-15) = \underline{\quad}$

b

$16 \div (-4) = \underline{\quad}$

$-14 \div 7 = \underline{\quad}$

$-63 \div 9 = \underline{\quad}$

$-38 \div 2 = \underline{\quad}$

$42 \div (-21) = \underline{\quad}$

$30 \div (-10) = \underline{\quad}$

$(-85) \div (-5) = \underline{\quad}$

$(-171) \div 19 = \underline{\quad}$

$(-200) \div 20 = \underline{\quad}$

$(-120) \div (-8) = \underline{\quad}$

c

$-8 \div 4 = \underline{\quad}$

$24 \div (-6) = \underline{\quad}$

$-55 \div (-5) = \underline{\quad}$

$-19 \div (-1) = \underline{\quad}$

$-60 \div (-10) = \underline{\quad}$

$(-50) \div (-10) = \underline{\quad}$

$(-36) \div 4 = \underline{\quad}$

$240 \div 15 = \underline{\quad}$

$14 \div (-7) = \underline{\quad}$

$102 \div (-17) = \underline{\quad}$