

Name: _____

Date: _____

Evaluate each quotient.

Example

a) $-27 \div (-3)$

$$-27 \div (-3) = 9$$

Divide. Quotient of two integers with the same sign is positive.

b) $-84 \div 7$

$$-84 \div 7 = -12$$

Divide. Quotient of two integers with different signs is negative.

c) $66 \div (-6)$

$$66 \div (-6) = -11$$

Divide. Quotient of two integers with different signs is negative.

10. $-40 \div (-5)$

11. $-36 \div 9$

12. $32 \div (-8)$

13. $-49 \div (-7)$

Solve.

14. In 200 seconds, a raindrop fell 5,000 feet to the ground. Find its change in height per second.

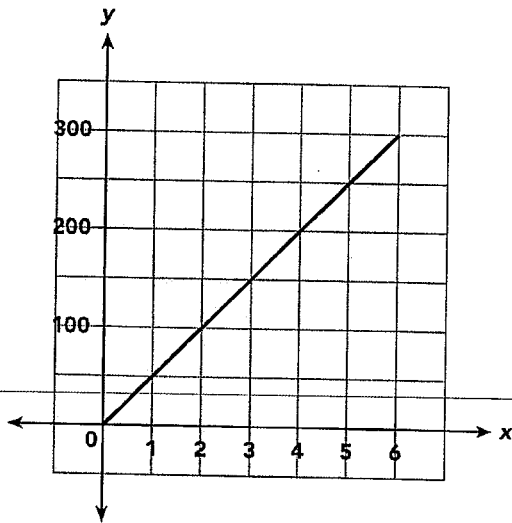
15. Find the change in height per second of a skydiver who falls 648 meters in 12 seconds.

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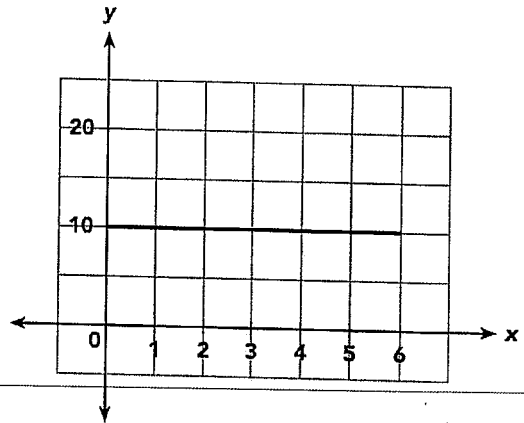
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Tell whether each graph represents a direct proportion. If so, find the constant of proportionality. Then write a direct proportion equation.

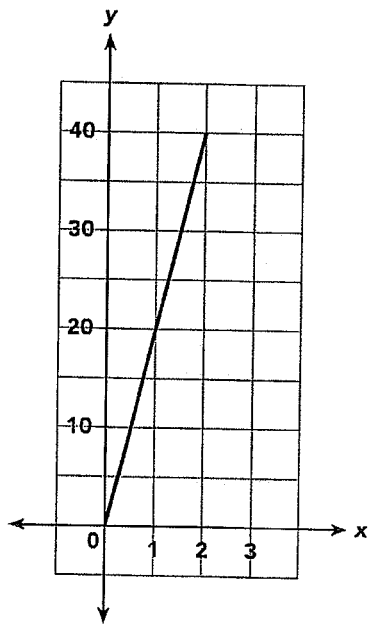
2.



3.



4.



5.

