

7th Grade
Lesson Study Guide

Solve the problems.

1. Determine if each quotient is correct. ** Show work **

a. $6 \div (-1) = -6$

True False

$(+) \div (-) = (-)$

b. $(-12) \div (3) = -4$

True False

$(-) \div (+) = (-)$

c. $-12 \div (-12) = -1$

True False

$(-) \div (-) = (+)$

d. $8 \div (-1) = -8$

True False

$(+) \div (-) = (-)$

2. From Monday to Thursday, the depth of the snowdrift changed by -6 inches. From Thursday to Friday, the depth changed by half as much. What is the change in the depth of the snowdrift from Thursday to Friday.

Show your work!

$-6 \div 2 = -3$

Answer: -3 inch(es)

3. Jaffer's car insurance payment decreased by \$40 each year. Which expressions represent the total change in his payment, in dollars, after 6 years?

more than 1 answer

a. $6 \times (-40)$

b. -240

c. $40 - 40 - 40 - 40 - 40 - 40$

d. $5 \times (-40)$

$-40 \times 6 = -240$