



○ = -
● = +

Warm Up Grade 8

Sept. 13, 2017



1) Use rules

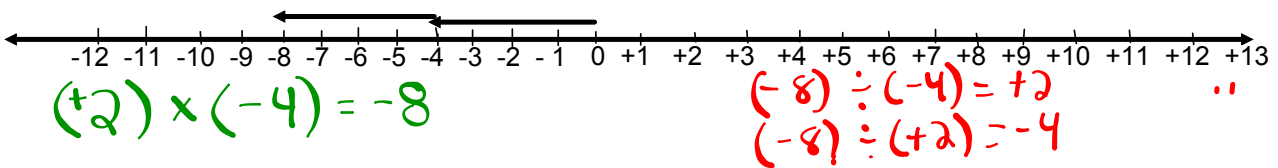
a) (-7) (-11) ^{same}
= +77

b) (-56) ÷ (-2)
+28

c) (+14) x (-2)
-28

d) (+24) ÷ (-4) ^{diff}
-6

2) Write a division equation for the following number line.



3) Find the product using the distributive property ^{box method}

(-25) x (-31)

(show all work)

	20	5	
30	600	150	600 + 150 + 20 + 5
1	20	5	

775

Page 81-82 homework solutions

11) Rose 3° each hour for a total change of $+12^{\circ}$.

$$(+12) \div (+3) = (+4)$$

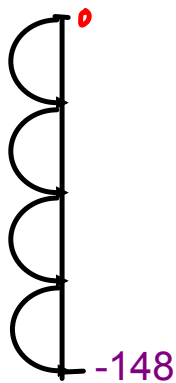
It took 4 hours for the change in temperature

12) Fell 4°C each hour for a total change of -20°C .

$$(-20) \div (-4) = (+5)$$

It took 5 hours for the temperature change

13)



Made 4 identical plunges in a row to a final depth of 148 below surface.

$$(-148) \div (+4) = (-37)$$

Page 81-82 homework solutions

14) $(+45) \div (-5) = (-9)$

Ted returned 5 books to the library and received \$45 dollars back. How much had each book cost?

15) $(-12) \div (+6) = -2$

The temperature dropped for 6 hours for a total change of -12°C . How much did it drop each hour?

16) 6 cm to the left each minute (-6)

a) $(-36) \div (-6) = (+6)$

Takes 6 minutes for the snail to reach -36

b) 6 cm to the left each minute (-6)

$(+18) \div (-6) = (-3)$

3 minutes ago the snail was at $+18$

pg 99

#1 a)

$$a) (+9) \times (+10) = +90$$

$$b) (+6) \times (-11) = -66$$

$$c) (+96) \times (-16) = -1536$$

$$d) (+39) \div (+3) = +13$$

$$e) (-8) \times (+6) = -48$$

$$f) -36 \div +9 = -4$$

$$g) (-44) \div (-4) = +11$$

$$h) (-5) \times (-1) = +5$$

Class/Homework 8

Page 83

#1, #2, #6, #7, #8, #9a, #11

↑
MODEL ONLY 1A THEN USE RULES FOR REST PART IN # 1