

Name: _____ Class: _____ Date: _____

Operations on Integers

EN Math 6-Discover

Power Standard: The student applies and extends previous understandings of numbers to the system of rational numbers.

1. Calculate the following:

a. $4 - 5$

e. $-4 + 3$

i. $-2 - -8$

m. $11 - 20$

b. $2 + -6$

f. $-7 + 11$

j. $10 - -9$

n. $43 - 56$

c. $10 - 12$

g. $-4 + -8$

k. $-2 - -16$

o. $-21 + -15$

d. $-10 + 2$

h. $-2 + -3$

l. $7 - -4$

2. Calculate the following:

a. 4×-2

f. $-64 \div -4$

k. -7×-13

p. $(-12)^2$

b. -11×12

g. -9×-12

l. $12 \div -0.5$

q. $(-8)^2$

c. 10×-8

h. 24×-6

m. $-1 \div -2$

r. $(-3)^3$

d. $-18 \div -3$

i. $-120 \div 4$

n. -146×6

e. $-56 \div 7$

j. $685 \div -5$

o. -254×-8

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Challenge

Below are five cards, each with a number written on it.



- a. Choose two suitable cards to make the calculation correct.

$$\boxed{} + \boxed{} = -1$$

- b. Choose two cards that will give the smallest possible answer.

$$\boxed{} + \boxed{} = \underline{\boxed{}}$$

- c. Choose two cards that will give the greatest possible answer.

$$\boxed{} - \boxed{} = \underline{\boxed{}}$$