

Name: _____ Date: _____ Block: _____

1. Simplify the following expressions.

a. $(2) - (-4) = \underline{\hspace{2cm}}$

b. $(6) + (-3) = \underline{\hspace{2cm}}$

c. $(-18) - (-7) = \underline{\hspace{2cm}}$

d. $(-10) + (-4) = \underline{\hspace{2cm}}$

e. $(+5) + 6 = \underline{\hspace{2cm}}$

f. $11 - (-3) = \underline{\hspace{2cm}}$

g. $19 - (+20) = \underline{\hspace{2cm}}$

h. $(-15) - (-6) = \underline{\hspace{2cm}}$

i. $(-7) - (-7) = \underline{\hspace{2cm}}$

j. $(+22) + (-5) = \underline{\hspace{2cm}}$

k. $-1 - (-9) = \underline{\hspace{2cm}}$

l. $(+7) + 4 = \underline{\hspace{2cm}}$

m. $-10 - 10 = \underline{\hspace{2cm}}$

n. $16 - -8 = \underline{\hspace{2cm}}$

o. $14 - (+6) = \underline{\hspace{2cm}}$

p. $(+60) + (-10) = \underline{\hspace{2cm}}$

q. $(45) - (-3) = \underline{\hspace{2cm}}$

r. $(+56) + (-21) = \underline{\hspace{2cm}}$

2. Simplify the following expressions.

a. $-8 + 4 - -9 = \underline{\hspace{2cm}}$

b. $(-8) + (-3) - (-20) = \underline{\hspace{2cm}}$

c. $-30 + 17 - -5 = \underline{\hspace{2cm}}$

d. $10 - 14 + (-2) = \underline{\hspace{2cm}}$

e. $5 - (-11) + (-13) = \underline{\hspace{2cm}}$

f. $6 - (-2) - 16 = \underline{\hspace{2cm}}$

g. $-35 - (-8) + (-20) = \underline{\hspace{2cm}}$

h. $(-24) + -2 - (-13) = \underline{\hspace{2cm}}$

i. $36 + (-9) - 4 = \underline{\hspace{2cm}}$

j. $-4 - 3 + -4 = \underline{\hspace{2cm}}$

k. $-8 - (-2) + -7 = \underline{\hspace{2cm}}$

l. $-31 - (-8) + 3 = \underline{\hspace{2cm}}$

m. $48 + -16 + -14 = \underline{\hspace{2cm}}$

n. $6 - (-2) - 19 + 16 = \underline{\hspace{2cm}}$

o. $-3 - (-13) - 10 - 3 = \underline{\hspace{2cm}}$

p. $-30 + 15 - (-9) - 6 = \underline{\hspace{2cm}}$

q. $5 - (-4) + 9 - 25 = \underline{\hspace{2cm}}$

r. $23 - 12 - -7 + -15 = \underline{\hspace{2cm}}$

3. Determine the missing number.

a. $\underline{\hspace{2cm}} \pm (-6) = 3$

b. $7 - \underline{\hspace{2cm}} = -4$

c. $-11 + \underline{\hspace{2cm}} = -15$

d. $9 + \underline{\hspace{2cm}} = -5$

e. $-8 - \underline{\hspace{2cm}} = 16$

f. $-3 - \underline{\hspace{2cm}} = 0$

g. $28 - \underline{\hspace{2cm}} = 15$

h. $-6 - \underline{\hspace{2cm}} = -10$

i. $-12 + \underline{\hspace{2cm}} = 18$

j. $-37 - \underline{\hspace{2cm}} = 15$

k. $-23 + \underline{\hspace{2cm}} = -12$

l. $24 - \underline{\hspace{2cm}} = -3$

m. $\underline{\hspace{2cm}} \pm 6 = -5$

n. $\underline{\hspace{2cm}} = (-7) = 2$

o. $\underline{\hspace{2cm}} \pm -17 = -9$

p. $\underline{\hspace{2cm}} \pm (-4) = -8$

q. $\underline{\hspace{2cm}} = -12 = -3$

r. $\underline{\hspace{2cm}} = 4 = -13$

4. Solve the following Problems

- a. Find the difference between 5 and -4
- b. How much more is 13 than -11?
- c. -16 is how much less than -3?
- d. How far apart is -13 and 5?
- e. How much greater is 8 than -8?
- f. What is the sum of 5 and -19?

5. Solve the following Problems

- a. A number decreased by 16 is -26. What is the number?
- b. Nine more than a number is 32. Find the number.
- c. Seven less than a number is 18. Find the number.
- d. Find a number three less than the sum of 4 and -9.
- e. Four more than a number increased by 7 is 12. Find the number.
- f. Find a number five more than the difference of 15 and 5.

6. Solve the following problems.

- a. A Bank account has a \$357 balance. A check is written for \$486. What is the new balance?
- b. Denver is 5130 meters above sea level. New Orleans is -8 meters above sea level. What is their difference in altitude?
- c. The temperature in Tahiti is 27°C and the temperature in Siberia is -33°C . What is the difference in their temperatures?
- d. At 8 am the temperature is -15°C . 1 hour later, the temperature rose by 6°C . What is the temperature at 9 am?
- e. The Roman republic was established in 509 BC and fell 985 years later. In what year did the Roman Empire Fall?
- f. Mike has \$15 and Jeff has \$8. How much less money does Jeff have than Mike?