

## Grade 7 Math: Quiz Practice

1. Use tiles to subtract. Draw pictures of the tiles you used.

a)  $(+8) - (+2)$

b)  $(+3) - (-6)$

c)  $(-4) - (-7)$

2. Use a number line to subtract.

a)  $(-50) - (-70)$

b)  $(+40) - (+60)$

c)  $(-200) - (-100)$

3. Subtract any way you want and write down your answer.

a)  $(+4) - (+9)$

b)  $(+18) - (-6)$

c)  $(-9) - (+3)$

4. Show using integer tiles what happens when you add two opposite integers.

5. Imagine you had a negative integer subtract a negative integer.

Will the answer be always positive, always negative, or will it depend on the integers that are chosen? Support your answer with an example.

6. Mr. Mattatall was learning a new dance to impress his wife the next time they went dancing. The steps included "Two steps to the right, \*clap your hands\*, four steps to the left, \*stomp your feet.\*"

Write an addition and subtraction equation to describe how far Mr. Mattatall moved. Assume that right is positive and left is negative.

7. Write an addition and subtraction equation for each of the following questions, and solve them:

a) The temperature was  $-2^{\circ}\text{C}$  this morning. It will rise by  $8^{\circ}\text{C}$  by this afternoon.

b) Mr. Turner will receive \$1000 on his tax return this year. He wants to use the money to install floors in his new house. New floors will cost him \$1250.

8. Make up a word problem that describes each equation

a)  $(-5) + (+7) = 2$

b)  $400 + (-250) = +150$

c)  $(-10) - (-5) = (-5)$