

Grade 7 Math: Integer Worksheet 1

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

a) $(+7) - (+4)$

b) $(-2) - (-2)$

c) $(-8) - (-1)$

2. Use tiles to subtract. Write down your answer.

a) $(-1) - (-4)$

b) $(+3) - (+8)$

c) $(-4) - (-6)$

3. Subtract and write down your answer.

a) $(-4) - (-1)$

b) $(+8) - (+3)$

c) $(-6) - (-4)$

4. What do you notice about questions 2 and 3?

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

a) $(+4) - (+5)$

b) $(-3) - (+5)$

c) $(-4) - (+3)$

Challenge Problems

6. Complete the magic square shown.

a) Subtract +4 from each entry. Is it still a magic square? Why?

b) Subtract -1 from each entry. Is it still a magic square? Why?

-1		+1
	-2	
		-3

7. Find two integers with a sum of -1 and a difference of +5.

8. Find the missing number.

a) $(+4) - \square = +3$

b) $(+3) - \square = -1$

c) $\square - (+1) = +4$

9. The temperature in Calgary, Alberta, was -2°C . A Chinook came through and the temperature rose 15°C . At nightfall it fell 7°C . What was the final temperature? Write two equations that you could use to describe this situation.