**Grade Eight Review for Final – Unit 6**

**Multiple Choice Section**

1. Which expression is represented by these algebra tiles?

 **NOTE:** Shaded tiles are positive, White tiles are negative.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |  |  |
|  |  |  |
|  |  |  |  |  |
|  |  |  |

 A) -3(x + 1)

 B) -3(x – 1)

 C) 3(x + 1)

 D) 3(x – 1)

2. A taxi company charges a flat rate of $2.50, plus $0.50 for every kilometre driven. How far was the ride in taxi if the total cost was $7.00?

 A) 5 km

 B) 9 km

 C) 14 km

 D) 19 km



3.

4.



5.



6.

7.



8.



9.



10.

11.



12.

13.

Long Answer Section

14. Solve for x. 

15. Solve the following equations:

 a) 

 b) 



16.

17.



18.

19.