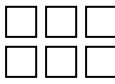

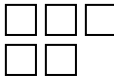
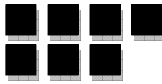

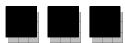
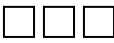



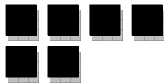

Write a numerical expression for each model. Then find the sum. Let each white tile equal +1 and each black tile equal -1.

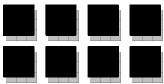
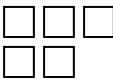
1)  + 

2)  + 

3)  + 

4)  + 

5)  + 

6)  + 

Use the Rules for Adding Integers to find each sum.

7)  $5 + (-4)$

8)  $10 + (-5)$

9)  $-3 + 5$

10)  $4 + (-12)$

11)  $-20 + 5$

12)  $-5 + 5$

13)  $-25 + (-25)$

14)  $1000000 + (-1000000)$

15)  $-2 + 5 + (-1)$

**Write each subtraction as an equivalent addition. Then use the Rules for Addition to find the sum.**

16)  $2 - 5$

17)  $10 - 3$

18)  $-5 - 5$

19)  $7 - (-2)$

20)  $0 - 25$

21)  $0 - (-3)$

22)  $-4 - (-5)$

23)  $12 - (-12)$

24)  $|-2| - |-6|$

## Answer Key

1.  $6 + (-2) = 4$
2.  $5 + (-7) = -2$
3.  $3 + (-3) = 0$
4.  $3 + (-4) = -1$
5.  $(-6) + 4$
6.  $(-8) + 5$
7. 1
8. 5
9. 2
10. -8
11. -15
12. 0
13. -50
14. 0
15. 2
16. -3
17. 7
18. -10
19. 9
20. -25
21. 3
22. 1
23. 24
24. -4