

# INTEGERS and NUMBER LINES

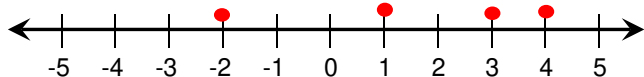
NAME: \_\_\_\_\_

Write an integer for each situation.

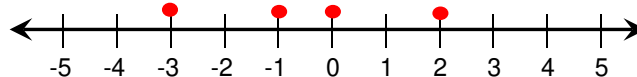
- |   |   |  |
|---|---|--|
| 1. €7 off the original price<br>-7        | 2. 241 feet above sea level<br><b>241 or +241</b> | 3. a withdrawal of \$120<br><b>-120</b>        |
| 4. a loss of 17 kilograms<br><b>-17</b>   | 5. a bonus of €450<br><b>450 or +450</b>          | 6. 580 B.C.<br><b>-580</b>                     |
| 7. 15° above 0<br><b>15 or +15</b>        | 8. a 3 meter decrease<br><b>-3</b>                | 9. 43 less people than last year<br><b>-43</b> |
| 10. a deposit of \$75<br><b>75 or +75</b> | 11. 6 hours longer<br><b>6 or +6</b>              | 12. a gain of 22 yards<br><b>22 or +22</b>     |

Graph each set of integers on a number line.

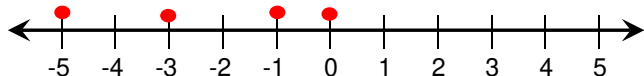
13. { 3 , 1 , -2 , 4 }



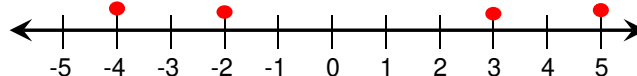
14. { -1 , 2 , 0 , -3 }



15. { -1 , -3 , -5 , 0 }



16. { 3 , -2 , -4 , 5 }



Fill in each  $\bigcirc$  with  $<$ ,  $>$ , or  $=$  to make a true sentence.

- |                       |                        |                       |                      |
|-----------------------|------------------------|-----------------------|----------------------|
| 17. $-8 \bigcirc -10$ | 18. $-15 \bigcirc 2$   | 19. $23 \bigcirc 32$  | 20. $0 \bigcirc -19$ |
| 21. $-3 \bigcirc -3$  | 22. $-24 \bigcirc -17$ | 23. $20 \bigcirc -20$ | 24. $28 \bigcirc 30$ |

Order the integers in each set from least to greatest.

25. { 11 , -6 , 0 , -9 , 8 , -3 }

**-9 , -6 , -3 , 0 , 8 , 11**

26. { -7 , -5 , 2 , -14 , 10 , 5 }

**-14 , -7 , -5 , 2 , 5 , 10**

Order the integers in each set from greatest to least.

27. { -4 , 13 , 5 , -12 , -20 , 1 }

**13 , 5 , 1 , -4 , -12 , -20**

28. { 0 , 9 , -10 , 16 , -18 , -8 }

**16 , 9 , 0 , -8 , -10 , -18**