

INTEGERS and NUMBER LINES

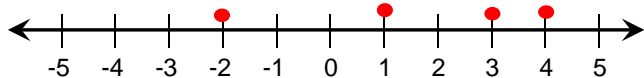
NAME: _____

Write an integer for each situation.

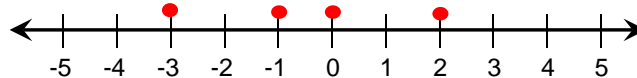
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|---|---|--|
| 1. €7 off the original price
-7 | 2. 241 feet above sea level
241 or +241 | 3. a withdrawal of \$120
-120 |
| 4. a loss of 17 kilograms
-17 | 5. a bonus of €450
450 or +450 | 6. 580 B.C.
-580 |
| 7. 15° above 0
15 or +15 | 8. a 3 meter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

Graph each set of integers on a number line.

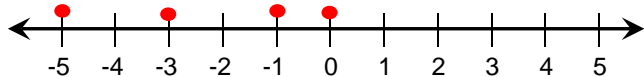
13. { 3 , 1 , -2 , 4 }



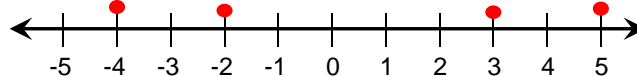
14. { -1 , 2 , 0 , -3 }



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



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



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

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

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 |
|---|---|