

INTEGERS and NUMBER LINES

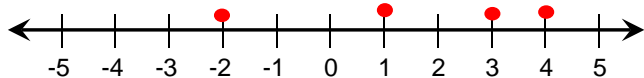
NAME: _____

Write an integer for each situation.

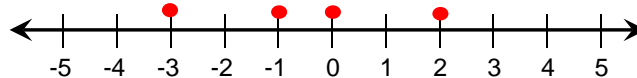
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|---|---|--|
| 1. €7 off the original price -7 | 2. 241 feet above sea level 241 or +241 | 3. a withdrawal of \$120 -120 |
| 4. a loss of 17 kilograms -17 | 5. a bonus of €450 450 or +450 | 6. 580 B.C. -580 |
| 7. 15° above 0 15 or +15 | 8. a 3 meter 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.

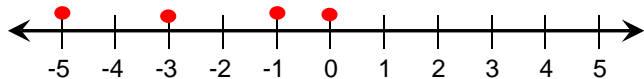
13. { 3 , 1 , -2 , 4 }



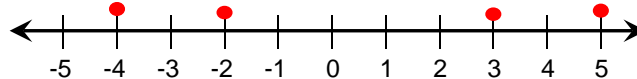
14. { -1 , 2 , 0 , -3 }



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



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



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

- | | | | |
|-----------------------|------------------------|-----------------------|----------------------|
| 17. -8 \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 } | 26. { -7 , -5 , 2 , -14 , 10 , 5 } |
| -9 , -6 , -3 , 0 , 8 , 11 | -14 , -7 , -5 , 2 , 5 , 10 |

Order the integers in each set from greatest to least.

- | | |
|-------------------------------------|-------------------------------------|
| 27. { -4 , 13 , 5 , -12 , -20 , 1 } | 28. { 0 , 9 , -10 , 16 , -18 , -8 } |
| 13 , 5 , 1 , -4 , -12 , -20 | 16 , 9 , 0 , -8 , -10 , -18 |