

(accel)

NAME _____ DATE _____ PERIOD _____

Integers and Absolute Value

Replace each \odot with $<$, $>$, or $=$ to make a true sentence.

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|------------------|-------------------|------------------|-------------------|
| 1. $1 \odot 0$ | 2. $-3 \odot 0$ | 3. $0 \odot -1$ | 4. $0 \odot 9$ |
| 5. $-7 \odot -7$ | 6. $2 \odot -2$ | 7. $-2 \odot 8$ | 8. $-4 \odot 4$ |
| 9. $5 \odot 5$ | 10. $0 \odot -6$ | 11. $4 \odot 10$ | 12. $6 \odot -6$ |
| 13. $3 \odot 7$ | 14. $-1 \odot -2$ | 15. $3 \odot 4$ | 16. $-3 \odot -4$ |

Order the integers in each set from least to greatest.

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|-------------------------|--------------------------|----------------------------|
| 17. $\{4, -5, 0\}$ | 18. $\{8, -2, 1\}$ | 19. $\{-6, -3, 0\}$ |
| 20. $\{-5, 5, 3, -1\}$ | 21. $\{0, -3, 7, -2\}$ | 22. $\{9, -11, 1, 0\}$ |
| 23. $\{12, -4, 3, -1\}$ | 24. $\{-8, 15, 1, -10\}$ | 25. $\{-12, -17, -20, 2\}$ |

Evaluate each expression.

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|-------------------|-------------------|--------------------|
| 26. $ 1 $ | 27. $ -10 $ | 28. $ -8 $ |
| 29. $ 10 $ | 30. $ 4 + -4 $ | 31. $ 9 - -5 $ |
| 32. $0 + -1 $ | 33. $ -6 + -5 $ | 34. $ -8 - -8 $ |
| 35. $ 12 + -3 $ | 36. $ -15 - 6 $ | 37. $ -13 + -7 $ |

Evaluate each expression if $a = -3$, $b = 0$, and $c = 1$.

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|----------------|----------------|------------------|
| 38. $ a - b$ | 39. $ c + 2$ | 40. $9 - a $ |
| 41. $ 25 - b$ | 42. $10 - b $ | 43. $ -8 + a $ |