

Multiplying Integers

To multiply integers, remember these rules:

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| • The product of two positive integers is positive. | $4 \times 5 = 20$ |
| • The product of two negative integers is positive. | $(-4) \times (-5) = 20$ |
| • The product of one positive integer and one negative integer is negative. | $(-4) \times 5 = -20$
$4 \times (-5) = -20$ |

A simple multiplication sentence will have two negative terms or no negative terms. If you see one negative term, look to find the other negative term.

Multiply.

1. $6 \times 3 =$ _____

2. $5 \times (-6) =$ _____

3. $-4 \times 0 =$ _____

4. $12 \times (-5) =$ _____

5. $-4 \times (+9) =$ _____

6. $22 \times 4 =$ _____

7. $(-1)(-37) =$ _____

8. $(-7)(-7) =$ _____

9. $(2)(4)(-3) =$ _____

10. $(-8)(-7) =$ _____

11. $(-3)(-5)(-3) =$ _____

12. $(5)(-3)(2) =$ _____

Evaluate each expression for $d = -3$.

13. $-4d =$ _____

14. $d \times (-6) =$ _____

15. $-10d - 3 =$ _____

16. $9 + (-2d) =$ _____

17. $5d + 38 =$ _____

18. $(2d)(-4)(-2) =$ _____

19. **Number Sense** Is the product of four negative integers positive or negative? Explain.
