

The Distributive Property



Use the distributive property to simplify each expression.



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$$1) \ 13(15 + 4x) =$$

$$2) \ -13(13 + 3x) =$$

$$3) \ -5(6 + 8x) =$$

$$4) \ -15(17 - 3x) =$$

$$5) \ -(-19 - 2x) =$$

$$6) \ -(7 - 4x) =$$

$$7) \ -3(9 - 7x) =$$

$$8) \ 20(20 + 2x) =$$

$$9) \ -15(20 + 8x) =$$

$$10) \ -6(3 - 8x) =$$

$$11) \ -17(19 - 3x) =$$

$$12) \ -(-3 - 6x) =$$

$$13) \ -5(5 + 7x) =$$

$$14) \ 12(18 + 8x) =$$

$$15) \ -(-5 - 3x) =$$

$$16) \ -(-18 - 7x) =$$

$$17) \ -10(10 + 3x) =$$

$$18) \ -(13 - 3x) =$$

$$19) \ 2(7 + 7x) =$$

$$20) \ -5(12 - 8x) =$$

$$21) \ -(-12 - 6x) =$$

$$22) \ -(-20 - 3x) =$$

Answers of The Distributive Property



Use the distributive property to simplify each expression.

$$1) \ 13(15 + 4x) = 52x + 195$$

$$2) \ -13(13 + 3x) = -39x - 169$$

$$3) \ -5(6 + 8x) = -40x - 30$$

$$4) \ -15(17 - 3x) = 45x - 255$$

$$5) \ -(-19 - 2x) = 2x + 19$$

$$6) \ -(7 - 4x) = 4x - 7$$

$$7) \ -3(9 - 7x) = 21x - 27$$

$$8) \ 20(20 + 2x) = 40x + 400$$

$$9) \ -15(20 + 8x) = -120x - 300$$

$$10) \ -6(3 - 8x) = 48x - 18$$

$$11) \ -17(19 - 3x) = 51x - 323$$

$$12) \ -(-3 - 6x) = 6x + 3$$

$$13) \ -5(5 + 7x) = -35x - 25$$

$$14) \ 12(18 + 8x) = 96x + 216$$

$$15) \ -(-5 - 3x) = 3x + 5$$

$$16) \ -(-18 - 7x) = 7x + 18$$

$$17) \ -10(10 + 3x) = -30x - 100$$

$$18) \ -(13 - 3x) = 3x - 13$$

$$19) \ 2(7 + 7x) = 14x + 14$$

$$20) \ -5(12 - 8x) = 40x - 60$$

$$21) \ -(-12 - 6x) = 6x + 12$$

$$22) \ -(-20 - 3x) = 3x + 20$$