

1. $(1 \vee -6)(-5 \vee \pm 7)$

2. $(-2 \times - 3)(-4 \times \pm 0)$

3. (1v ± 5)//v = 6)

4. $(0 \lor \bot \land) (-9 \lor \bot \circ)$

5. (-9v - 2)(-1v - 6)

6. $(-5v \pm 1)(1v - 6)$

7. $(0 \vee - 3)(5 \vee - 9)$

8. $(-1 \vee -5)(6 \vee \pm 6)$

9. $I = 0 \times \pm 5 / (1 \times \pm 0)$

10. $(2 \vee \pm 7)/(1 \vee \pm 5)$

11. $(Q \lor - Q)(2 \lor \bot 2)$

12. $(6v \pm 7)(9v = 1)$

13. (2v - 10)(7v - 5)

14.

15. $(0v \pm 9)(0v \pm 0)$

16. (-3x-9)(-1x+5)



17. $I_{-5v} = 21/1v = 101$

18. $(3v \pm 3)(-4v \pm 3)$

19. (5v - 10)(-9v + 3)

20. $(7v \pm 7)(-0v \pm 3)$

21. $(1/\sqrt{-6})(1/\sqrt{\pm 10})$

22. 17v = 31/6v = 11

23. $(7 \lor \pm 1)(7 \lor \pm 7)$

24. (1x+3)(-1x-1)



12v = 61/1v = 51

27.
$$(1/\sqrt{10})(-7/\sqrt{2})$$

28.
$$(7v \pm 0)(7v = 0)$$

29.
$$I = 0 \times -5 \cdot I = 0 \times +31$$

30.
$$(6x-3)(-2x+7)$$



Distributive Property Worksheet Answer Key

1.
$$-5x^2 + 37x - 42$$

2.
$$8x^2 - 6x - 27$$

3.
$$4x^2 + 14x - 30$$

4.
$$-72x^2 + 49x + 36$$

5.
$$8x^2 + 50x + 12$$



$$-5x^2 + 34x - 24$$



$$45x^2 - 87x + 24$$



$$-6x^2 - 36x - 30$$



$$-36x^2 - 61x + 45$$



$$2x^2 - 3x - 35$$



$$24x^2 - 8x - 16$$



$$48x^2 + 50x - 7$$



13. $21x^2 - 85x + 50$



14. $-35x^2 - 6x + 8$



15. $81x^2 + 153x + 72$



16.

$$3x^2 - 6x - 45$$



17. $-5x^2 + 48x + 20$



18. $-12x^2 + 1x + 6$



19.
$$-40x^2 + 95x - 30$$



20. $-63x^2 - 42x + 21$



21.

 $4x^2 + 34x - 60$



22.

$$42x^2 - 25x + 3$$



23.

 $49x^2 + 56x + 7$



24. $-1x^2 - 4x - 3$





$$8x^2 - 34x + 30$$



$$-6x^2 + 38x + 28$$



$$-28x^2 - 82x - 30$$



 $49x^20x - 81$



$$72x^2 + 13x - 15$$



$$-12x^2 + 48x - 21$$