

Select the correct answer(s) from the given options:

1. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$2(3 + 6y)$$

- a) $6 + 6y$
- b) $6 + 12y$
- c) $6y + 12$
- d) $3 + 12y$

Answer: _____

2. Use the distributive property of operations and choose the correct equivalent expressions for the given expression.

$$16k + 24$$

- a) $8(4k + 6)$
- b) $4(4k + 8)$
- c) $4(4k + 6)$
- d) $8(2k + 3)$

Answer: _____

3. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$r + r + r + r$$

- a) $5 + r$
- b) $r + 4$
- c) $5r$
- d) $4r$

Answer: _____

4. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$6(3u + 4)$$

- a) $12u + 18$
- b) $12u + 24$
- c) $18u + 24$
- d) $18u + 10$

Answer: _____

5. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$5(6x - 4)$$

- a) $30x - 9$
- b) $6x - 4$
- c) $30x - 20$
- d) $30x - 4$

Answer: _____

6. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$15 - 21p$$

- a) $5(3 - 7p)$
- b) $3(5 - 7p)$
- c) $15(5 - 7p)$
- d) $3(5 - 21p)$

Answer: _____

7. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$r + 3 + 5r + 9$$

- a) $4r + 12$
- b) $6(r + 2)$
- c) $6r + 9$
- d) $3(2r + 3)$

Answer: _____

8. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$3m + 12$$

- a) $3(m + 4)$
- b) $3(m + 3)$

Answer: _____

9. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$6k + 14$$

- a) $3(2k + 7)$
- b) $2(3k + 7)$

Answer: _____

10. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$8k - 8 + 3k - 14$$

- a) $11k - 6$
- b) $5k - 6$

11. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$6 + 3y + 4y + 5$$

- a) $7y + 11$
- b) $7y + 1$
- c) $y + 11$
- d) $11y + 7$

Answer: _____

12. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$s + s + s + s + s + s$$

- a) $5 + s$
- b) $6s$
- c) $5s$
- d) $6 + s$

Answer: _____

13. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$25t + 5$$

- a) $25(t + 1)$
- b) $5(5t + 1)$

Answer: _____

14. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$18q + 9$$

- a) $2(9q + 1)$
- b) $2(1q + 9)$

Answer: _____

15. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$8k + 28$$

- a) $2(4k + 12)$
- b) $4(2k + 7)$

Answer: _____

16. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$42p + 54$$

- a) $6(7p + 9)$
- b) $7(6p + 9)$

17. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$5m + 4 - 3m + 8$$

- a) $8m + 4$
- b) $8m + 12$
- c) $2(m + 6)$
- d) $2m + 4$

Answer: _____

18. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$60 + 10n$$

- a) $5(6 + 10n)$
- b) $10(6 + n)$
- c) $6(10 + n)$
- d) $10(6 + 5n)$

Answer: _____

19. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$27s + 72$$

- a) $9(3s + 7)$
- b) $8(3s + 9)$
- c) $3(9s + 8)$
- d) $9(3s + 8)$

Answer: _____

20. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

$$12 + 52q$$

- a) $13(3 + 4q)$
- b) $13(4 + 1q)$
- c) $4(3 + 13q)$
- d) $13(3 + 13q)$

Answer: _____