



Apply the distributive property to produce an equivalent expression.

Answers

- 1) $36b + 63$
- 2) $5(2 + 7c)$
- 3) $2(7d + 3)$
- 4) $4(6e + 7)$
- 5) $f + f + f + f$
- 6) $g + g + g + g + g + g$
- 7) $9h + 7 + 7 + 8h$
- 8) $3i + 9i + 5 + 10$
- 9) $70j + 42$
- 10) $8(9k + 5)$
- 11) $m + m + m + m + m$
- 12) $24 + 40n$
- 13) $2(7p + 5)$
- 14) $r + r + r + r + r$
- 15) $3(9t + 3)$
- 16) $27u + 72$
- 17) $v + v + v + v + v + v + v$
- 18) $54 + 54w$
- 19) $8(5y + 2)$
- 20) $21 + 24z$

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Apply the distributive property to produce an equivalent expression.

Answers

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|---------------------------------|--|
| 1) $36b + 63$ | 1. <u>$9(4b + 7)$</u> |
| 2) $5(2 + 7c)$ | 2. <u>$10 + 35c$</u> |
| 3) $2(7d + 3)$ | 3. <u>$14d + 6$</u> |
| 4) $4(6e + 7)$ | 4. <u>$24e + 28$</u> |
| 5) $f + f + f + f$ | 5. <u>$4f$</u> |
| 6) $g + g + g + g + g + g$ | 6. <u>$6g$</u> |
| 7) $9h + 7 + 7 + 8h$ | 7. <u>$17h + 14$</u> |
| 8) $3i + 9i + 5 + 10$ | 8. <u>$12i + 15$</u> |
| 9) $70j + 42$ | 9. <u>$14(5j + 3)$</u> |
| 10) $8(9k + 5)$ | 10. <u>$72k + 40$</u> |
| 11) $m + m + m + m + m$ | 11. <u>$5m$</u> |
| 12) $24 + 40n$ | 12. <u>$8(3 + 5n)$</u> |
| 13) $2(7p + 5)$ | 13. <u>$14p + 10$</u> |
| 14) $r + r + r + r + r$ | 14. <u>$5r$</u> |
| 15) $3(9t + 3)$ | 15. <u>$27t + 9$</u> |
| 16) $27u + 72$ | 16. <u>$9(3u + 8)$</u> |
| 17) $v + v + v + v + v + v + v$ | 17. <u>$7v$</u> |
| 18) $54 + 54w$ | 18. <u>$54(1 + w)$</u> |
| 19) $8(5y + 2)$ | 19. <u>$40y + 16$</u> |
| 20) $21 + 24z$ | 20. <u>$3(7 + 8z)$</u> |