

1-3 Practice

Variables and Expressions

wed
quick ✓

Evaluate each expression if $x = 7$, $y = 10$, $r = 15$, $t = 3$, and $c = 8$.

- 1. $x + y - r$
- 2. $c + c + y + y$
- 3. $(r + t) + c$
- 4. $x + t + c - r + y$
- 5. $y + 15 - c + 12 - x$
- 6. $85 - 17 + t - x + c$
- 7. $72 - r + y - c$
- 8. $t + t + t + t + t$
- 9. $y + y + c - 10 + x$
- 10. $125 + x - y + r - t$

Evaluate each expression if $x = 3$, $y = 4$, and $z = 5$.

- 11. $6x - 3y$
- 12. $6(x + y)$
- 13. $\frac{y - x}{z - y}$
- 14. $2x + 3z + y$
- 15. $14x - (2y + z)$
- 16. $2(x + z) - y$
- 17. $4z - (2y + x)$
- 18. $x(y + z + 4)$
- 19. $\frac{10(z - x)}{z}$
- 20. $\frac{21xy}{x + y}$
- 21. $\frac{4z + 2y}{7}$
- 22. $\frac{y(z + x + y)}{y}$