

Simplify the expression.

- 1 $90 + 9 \cdot 2$
- 2 $30 - 15 \div 5$
- 3 $4 \cdot 3 + \frac{35}{5}$
- 4 $64 \div 8 \cdot 2^2$
- 5 $7 + 2(15 - 6)$
- 6 $\frac{16 \cdot 3 - 4}{16 - 3 \cdot 4}$
- 7 $25 - (2 + 2) \cdot 3$
- 8 $7 \cdot 3^2 - 20 + 1$

Evaluate for the given values of the variables.

- 17 $8 + 3n$ for $n = 6$
- 18 $(8 + 3)n$ for $n = 6$
- 19 $90 - 4d$ for $d = 3$
- 20 $7x + 2y$ for $x = 15, y = 20$
- 21 $\frac{8b + 1}{7 - 2a}$ for $a = 2, b = 4$
- 22 $2 + 5x^2$ for $x = 4$
- 23 $2 + (5x)^2$ for $x = 4$
- 24 $(2 + 5x)^2$ for $x = 4$