

Evaluating Expressions

1. $5^2 - (3.1 \times 6 + 5.3)$

2. $4^2 - [(4.2 \times 3.5) - 9.5]$

3. $3^2 - [(12 - 2^2) \times 0.6]$

4. $[(0.2 \times 8) + (2.5 \times 3)] + 5^2$

5. $42 \div [8.6 - (8 \times 0.2)]$

6. $3^3 + 4.2 \times 8 \div 0.2$

7. $6.8 + [(0.5 \times 7) + (3.1 \times 3)]$

8. $5^2 - [(6^2 - 32.4) + (8 \div 0.5)] + 4.5$

9. $9 + [(4.2 - 3.3) + (6.4 \div 0.8)] \times 3$

10. $41 - 3^2 + (8 \times 2.3) - 15 + (2.1 \times 4)$

11. Keisha bought a new pair of skis for \$450. She put \$120 down and got a student discount of \$45. Her mother gave her $\frac{1}{2}$ of the balance for her birthday. Which of these expressions could be used to find the amount Keisha still owes on the skis?

A $450 - 120 + 45 \div 2$

C $450 - (120 - 45) \div 2$

B $[450 - (120 - 45) \div 2]$

D $[450 - (120 + 45)] \div 2$

12. $(7 \times 3.4) - [(2.8 \times 5) - (4.3 \times 2)] + 4^2$. Give the order of operations a student solving this problem would use to evaluate the expression. Solve.
