1–3

Skills Practice

Order of Operations

Find the value of each expression.

1. $44 + 7 \times 3$ _____

2. $48 \div (8 - 2)$ _____

3. $(3 + 4) \times 8 \div 2$ _____

4. $18 + 12 \div 2 + 3$ _____

5. $4^2 \times 2 - 10$ _____

6. $(6 \div 3) + (8 \times 5)$ _____

7. $(3 + 2) \times 3^2$ _____

8. $24 \div 6 \times 3 + 52$ _____

9. $(2 \times 5) - (3 \times 3)$ _____

10. $96 \div (3 \times 4) \div 2$ _____

11. $100 - 8^2 + 4 \div 4$ _____

12. $(200 - 50) \div (12 - 9)$ _____

13. $47 + 3 \times 11 - 36 \div 3$ _____

14. $(7 + 6) \times (7 - 3)$ _____

15. $50 - (-4 + 1)^2 \div 9$ _____

16. $6^2 - 9 \times 4 + (1 + 2)^2$ _____

Solve.

17. Tickets to the school play cost $4 for adults and $2 for students. If 255 adults and 382 students attended the play, write an expression that shows the total amount of money made on ticket sales. Then simplify the expression.

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18. At the school play, popcorn costs $1 and juice costs $2. Suppose 235 people buy popcorn and 140 people buy juice. Write an expression that shows the total amount of money made by selling refreshments. Then simplify the expression.

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