

Name:

Date:

Practice Order of Operations

Simplify using PEMDAS

1. $80 - [2 \times (21 + 10)] - (38 - 3) \div 7$ = _____

2. $2 \times \{76 - [(15 - 9)^2 - (5^2 - 3 \times 7)]\}$ = _____

3. $1^3 \times \{9 + [(9 - 21 \div 7) - (2^3 - 5)]\}$ = _____

4. $10 \div (3 + 2) \times 4 + 5^2 + 6 - 9$ = _____

5. $3 + [6 (11 + 1 - 4)] \div 8 \times 2$ = _____

6. $80 - \{[(17 - 9)^2 - (7^2 - 3 \times 9)] - 12\}$ = _____

7. $4^3 \div (8 - 6) + 18 \div (6 - 3)$ = _____

8. $2 \times \{6 + [7 \times (12 - 8)]\} - 32$ = _____

Name:

Date:

Practice Order of Operations

Answers

$$1. \quad 80 - [2 \times (21 + 10)] - (38 - 3) \div 7 = \underline{\hspace{2cm} 13 \hspace{2cm}}$$

$$2. \quad 2 \times \{76 - [(15 - 9)^2 - (5^2 - 3 \times 7)]\} = \underline{\hspace{2cm} 88 \hspace{2cm}}$$

$$3. \quad 1^3 \times \{9 + [(9 - 21 \div 7) - (2^3 - 5)]\} = \underline{\hspace{2cm} 12 \hspace{2cm}}$$

$$4. \quad 10 \div (3 + 2) \times 4 + 5^2 + 6 - 9 = \underline{\hspace{2cm} 30 \hspace{2cm}}$$

$$5. \quad 3 + [6 (11 + 1 - 4)] \div 8 \times 2 = \underline{\hspace{2cm} 15 \hspace{2cm}}$$

$$6. \quad 80 - \{[(17 - 9)^2 - (7^2 - 3 \times 9)] - 12\} = \underline{\hspace{2cm} 50 \hspace{2cm}}$$

$$7. \quad 4^3 \div (8 - 6) + 18 \div (6 - 3) = \underline{\hspace{2cm} 38 \hspace{2cm}}$$

$$8. \quad 2 \times \{6 + [7 \times (12 - 8)]\} - 32 = \underline{\hspace{2cm} 36 \hspace{2cm}}$$