

5-Step Order of Operations - Find the Error

Directions: Each expression has been solved, but some solutions are incorrect. If it's correct, write **Correct**. If it's incorrect, explain the mistake and show the correct steps.

Problems

1. $6 + 3 \times (4 - 1) + 8 \div 2 - 5$

Work shown:

- a. $(4-1)=3$
- b. $3 \times 3=9$
- c. $6+9=15$
- d. $8 \div 2=4$
- e. $15+4-5=14$

2. $(8 - 2) \times (5 + 1) + 12 \div 4 - 7$

Work shown:

- a. $(8-2)=6$
- b. $(5+1)=6$
- c. $6 \times 6=36$
- d. $12 \div 4=3$
- e. $36+3-7=33$

3. $20 \div (4 + 1) + 7 \times 2 - 6$

Work shown:

- a. $(4+1)=5$
- b. $20 \div 5=4$
- c. $7 \times 2=14$
- d. $4+14=19$
- e. $19-6=13$

4. $15 - (6 \div 3) \times (4 - 2) + 9$

Work shown:

- a. $6 \div 3=2$
- b. $(4-2)=2$
- c. $2 \times 2=4$
- d. $15-4=11$
- e. $11+9=20$

5. $(12 - 5) \times (3 + 1) + 6 - 8$

Work shown:

- a. $(12-5)=7$
- b. $(3+1)=4$
- c. $7 \times 4=28$
- d. $28+6=34$
- e. $34-8=24$

