

Find the Error in the Order of Operations Answer Key

1. Correct.

$$3 \times 4 = 12 \rightarrow 6 + 12 = 18 \rightarrow 18 - 5 = 13.$$

2. Incorrect.

$$8 - 3 = 5 \rightarrow 5 \times 5 = 25 \rightarrow 25 + 7 = 32 \text{ (not 34).}$$

Error: Addition at the end miscalculated.

3. Correct.

$$20 \div 4 = 5 \rightarrow 7 \times 2 = 14 \rightarrow 5 + 14 = 19.$$

4. Correct.

$$6 \div 3 = 2 \rightarrow 2 \times 2 = 4 \rightarrow 15 - 4 = 11.$$

5. Incorrect.

$$9 + 3 = 12 \rightarrow 12 \div 6 = 2 \rightarrow 2 + 5 = 7 \text{ (not 8).}$$

Error: Final addition miscalculated.

6. Incorrect.

$$2 + 5 = 7 \rightarrow 4 \times 7 = 28 \rightarrow 28 - 3 = 25 \text{ (not 29).}$$

Error: Subtraction step miscalculated.

7. Correct.

$$12 \div 3 = 4 \rightarrow 4 \times 2 = 8 \rightarrow 7 + 8 = 15.$$

8. Correct.

$$5 \times 3 = 15 \rightarrow 15 - 4 = 11 \rightarrow 11 + 6 = 17.$$

9. Incorrect.

$$16 \div 4 = 4 \rightarrow 4 + 9 = 13 \rightarrow 13 - 2 = 11 \text{ (not 12).}$$

Error: Final subtraction miscalculated.

10. Incorrect.

$$5 - 2 = 3 \rightarrow 8 \times 3 = 24 \rightarrow 24 + 7 = 31 \text{ (not 29).}$$

Error: Final addition miscalculated.

11. Correct.

$$10 - 7 = 3 \rightarrow 30 \div 3 = 10 \rightarrow 10 + 4 = 14.$$

12. Incorrect.

$$18 - 6 = 12 \rightarrow 12 \div 2 = 6 \rightarrow 6 + 9 = 15 \text{ (not 18).}$$

Error: Final addition miscalculated.