

# Order of Operations

Number & Operations · Grade 5

Score: \_\_\_\_\_ / 10

◆ Medium · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1.  $(3 + 4) \times 2 = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

2.  $5 \times (8 - 3) = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

3.  $24 \div (6 - 2) + 5 = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

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4.  $3 + (2 \times 4) - 5 = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

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5.  $(10 + 2) \times (5 - 3) = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

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6.  $18 \div 3 + 4 \times (7 - 5) = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

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7.  $3 \times 4 + 2 \times (9 - 4) - 6 \div 3 = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

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8.  $(15 - 3) \div 4 + 7 = \underline{\hspace{2cm}}$

Answer: \_\_\_\_\_

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9.  $20 - (3 + 2) \times 2 = \underline{\hspace{2cm}}$

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Answer: \_\_\_\_\_

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10.  $(6 + 2) \times 3 - 12 \div 4 = \underline{\hspace{2cm}}$

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Answer: \_\_\_\_\_

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## Answer Key

### Order of Operations — Medium

1. 14

Brackets first:  $3+4=7$ . Then multiply:  $7 \times 2=14$ .

2. 25

Brackets first:  $8-3=5$ . Then multiply:  $5 \times 5=25$ .

3. 11

Brackets:  $6-2=4$ . Divide:  $24 \div 4=6$ . Add:  $6+5=11$ .

4. 6

Brackets:  $2 \times 4=8$ . Then:  $3+8-5=6$ .

5. 24

Both brackets:  $10+2=12$ ,  $5-3=2$ . Then:  $12 \times 2=24$ .

6. 14

Brackets:  $7-5=2$ . Then  $\times \div$ :  $18 \div 3=6$ ,  $4 \times 2=8$ . Then add:  $6+8=14$ .

7. 20

Brackets:  $9-4=5$ . Then  $\times \div$ :  $3 \times 4=12$ ,  $2 \times 5=10$ ,  $6 \div 3=2$ . Then  $+-$ :  $12+10-2=20$ .

8. 10

Brackets:  $15-3=12$ . Divide:  $12 \div 4=3$ . Add:  $3+7=10$ .

9. 10

Brackets:  $3+2=5$ . Multiply:  $5 \times 2=10$ . Subtract:  $20-10=10$ .

10. 21

Brackets:  $6+2=8$ . Then  $8 \times 3=24$ ,  $12 \div 4=3$ . Then:  $24-3=21$ .