# Order of Operations

**Simplify. Follow the order of operations.**

**1.** $(6 + 3) \times 4$

**2.** $(7 - 5) \times 6$

**3.** $(15 + 3) \div 6$

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**4.** $8 + (5 \times 3)$

**5.** $9 - (21 \div 7)$

**6.** $3 \times (12 - 8)$

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**7.** $7 + (6 \times 3) - 10$

**8.** $30 - (3 \times 3) + 4$

**9.** $(18 - 3) \div 5$

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**10.** $6 + 5 \times 4 - 7$

**11.** $18 + 9 \times 7 - 13$

**12.** $5 \times (6 + 3) \times 2$

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**Copy the expression. Then insert parentheses to make 10.**

**13.** $30 + 20 \div 5$

**14.** $3 + 14 \div 2$

**15.** $6 \times 3 - 8$

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**16.** $1 + 27 \div 3$

**17.** $9 - 7 \times 5$

**18.** $35 \div 7 + 5$

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## Test Prep

**19.** Karen owns 3 guitars that have 6 strings each and 2 mandolins that have 8 strings each. How many strings do her instruments have in all?

**A** 34          **C** 19

**B** 36          **D** 5

**20.** David owns 4 guitars with 6 strings each and a guitar with 4 main strings and 22 special resonating strings. How many strings do his instruments have in all? Explain how you found your answer.

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**Use with text pages 110–111.**