

Practice 1-4

Order of Operations

Which operation would you perform first in each expression?

1. $4 + 6 \times 9$

2. $(7 - 5) \times 3$

3. $14 \div 2 \times 3$

4. $18 - 5 + 3$

5. $5 \times 2 + 6$

6. $(9 + 14) - 8 \div 2$

Find the value of each expression.

7. $8 - 3 \times 1 + 5$

8. $(43 - 16) \times 5$

9. $14 \times 6 \div 3$

10. $100 \div (63 - 43)$

11. $9 \times (3 \times 5)$

12. $7 \times (8 + 6)$

13. $15 - (5 + 7)$

14. $(12 - 9) \times (6 + 1)$

15. $(9 - 3) \times 2$

16. $8 - 3 \times 2 + 7$

17. $(9 - 4) \times 6$

18. $(35 - 5) \times 3$

Use $<$, $=$, or $>$ to complete each statement.

19. $5 - 3 \times 1$ $(5 - 3) \times 1$

20. $(4 + 8) \times 3$ $4 + 8 \times 3$

21. $3 \times (8 - 2)$ $3 \times 8 - 2$

22. $(7 + 2) \times 4$ $7 + 2 \times 4$

23. $4 + (20 \div 4)$ $(4 + 20) \div 4$

24. $42 - (35 + 4)$ $42 - 35 + 4$

25. $(9 - 2) \times 3$ $9 - 2 \times 3$

26. $55 + 10 - 7$ $55 + (10 - 7)$

Insert parentheses to make each statement true.

27. $6 + 7 \times 4 - 2 = 26$

28. $14 - 5 \div 3 = 3$

29. $27 \div 4 + 5 - 1 = 2$

30. $6 \times 7 + 2 - 1 = 53$

Write a mathematical expression and solve.

31. Haircuts for boys cost \$7. Haircuts for men cost \$10. If 20 boys and 20 men went to the barber yesterday, how much did the barber earn?

Puzzle 1-4

Order of Operations

Math Express

Use each of the given numbers and operations once to write an expression. You may add parentheses.

3	6	2	5	+	×	×
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Write an expression equal to 27.

$(3 \times 5) + (6 \times 2)$

1.

12	6	15	-	÷
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Write an expression equal to 13.

2.

32	16	9	÷	+
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Write an expression equal to 11.

3.

6	8	4	×	÷
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Write an expression equal to 12.

4.

7	6	3	×	+
---	---	---	---	---

Write an expression equal to 63.

5.

3	7	9	4	+	+	-
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Write an expression equal to 5.

6.

4	5	9	16	+	-	÷
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Write an expression equal to 0.

7.

2	3	10	15	÷	÷	-
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Write an expression equal to 0.

8.

5	8	9	7	+	÷	+
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Write an expression equal to 10.

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