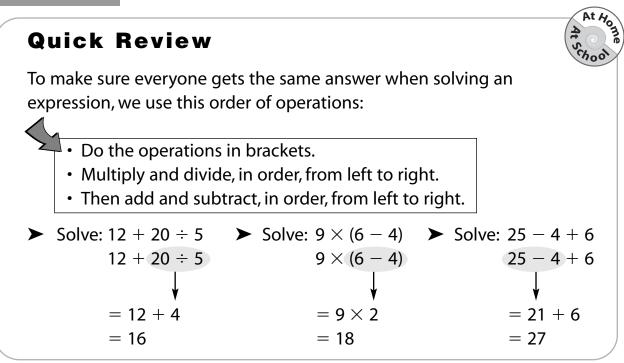


## **Order of Operations**



## **Try These**

- **1.** Solve each expression. Use the order of operations.
  - a)  $15 + 7 \times 2 =$  b)  $34 6 \div 3 =$  c)  $35 + 15 \times 2 =$
  - **d)**  $30 \div (2 + 3) =$  **e)**  $44 \div 11 + 4 =$  **f)**  $(14 \div 7) \times 4 =$
  - **g)**  $24 + (16 \div 8) =$ \_\_\_\_ **h)** (17 + 2) 14 =\_\_\_\_ **i)**  $3 \times 9 4 =$ \_\_\_\_
- 2. Use mental math to solve.
  - a)  $2 \times 9 3 + 4 =$ b)  $5 + 150 \div 25 =$ c)  $30 + 30 \div 6 =$ d)  $(8 \times 9) (8 \times 8) =$
  - e)  $24 \div 12 \times 9 =$ \_\_\_\_ f)  $(200 + 400) \times 2 =$ \_\_\_\_
  - **g)**  $18 \div 2 \times 2 =$  **h)**  $4 \times (3 \times 5) =$
  - i) 12 + 6 2 = j)  $(50 + 100) \times 2 100 =$

## Practice

- **1.** Solve each expression.
  - a)  $48 \div 12 \div 2 =$  \_\_\_\_ b)  $8 \times (10 4) =$  \_\_\_ c)  $28 12 \div 4 =$  \_\_\_\_ d)  $7 \times (3 + 2) =$  \_\_\_\_ e)  $16 \div 2 \times 9 =$  \_\_\_\_ f)  $15 \div (3 \times 5) =$  \_\_\_\_

- 2. Use brackets to make each number sentence true.
  - **a)**  $2 \times 3 + 6 = 18$  **b)**  $20 \times 15 2 = 260$
  - **c)**  $5 + 4 \div 3 = 3$  **d)**  $12 + 10 \div 11 = 2$
  - **e)**  $6 + 8 \div 2 = 10$  **f)**  $5 \times 4 \div 2 = 10$
- **3.** Write a number sentence to show the order of operations you use to solve each problem.
  - a) Sandar bought 4 bags of chips at \$2.99 each.She used a \$2.00 coupon to pay part of the cost.How much did Sandar pay for the chips?
  - b) The decorating committee needs 3 balloons for each of 15 tables. They also need 20 balloons for each of the 4 walls of the room. How many balloons does the committee need?

## **Stretch Your Thinking**

You and 3 friends order a pizza, 4 large drinks, and a loaf of cheese bread. You split the cost evenly with your friends. What order of operations would you use to find out how much each person should pay?