

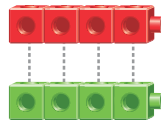
Homework & Practice 5-2

True or False Equations

Another Look! Use connecting cubes to model true or false equations of different types.

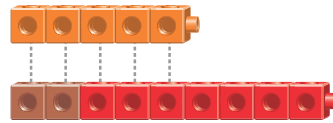
Draw lines to match the cubes.

$$4 = 4$$



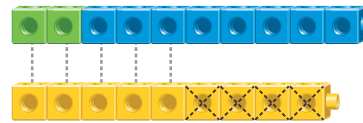
This equation is **true**.

$$5 = 2 + 7$$



This equation is **false**.

$$2 + 8 = 9 - 4$$



This equation is **false**.

If both sides are not equal, then the equation is false.

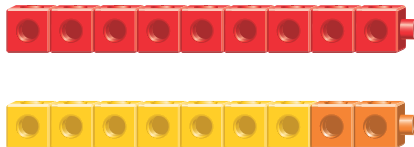


HOME ACTIVITY Write a plus sign, minus sign, and equal sign, each on three notecards or pieces of paper. Gather 20 small objects, such as buttons or pennies. Set up the notecards and objects to show true or false equations, such as $3 + 5 = 9 - 1$ or $6 - 2 = 3 + 3$. Ask your child to tell if each equation is **true** or **false**.



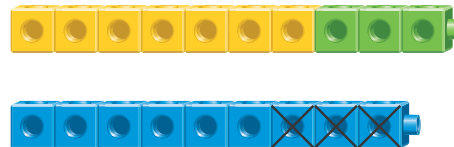
Draw lines to match the cubes. Tell if each equation is **True** or **False**.

1. $9 = 7 + 2$



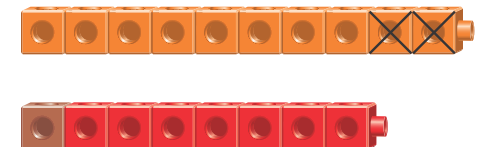
True False

2. $7 + 3 = 9 - 3$



True False

3. $10 - 2 = 1 + 7$



True False

Model Draw pictures to show each equation. Then circle **True** or **False**.

4. $10 - 2 = 7 + 4$

True

False

5. $6 = 9 - 5$

True


False

6. $8 + 5 = 10 + 3$

True

False

7. **Higher Order Thinking** Jamie says that $19 - 10$ is equal to $20 - 10$ because both sides use subtraction. Is Jamie correct? Explain why or why not.

8.  **Assessment** Which equations below are **true**? Choose all that apply.

$8 - 7 = 11 - 10$

$12 - 4 = 6 + 3$

$10 - 1 = 9 + 2$

$9 + 2 = 10 + 1$