

Name _____

Date _____

1. Circle "true" or "false."

| Equation | True or False? |
|----------------------|----------------|
| a. $2 + 3 = 5 + 1$ | True / False |
| b. $7 + 9 = 6 + 10$ | True / False |
| c. $11 - 8 = 12 - 9$ | True / False |
| d. $15 - 4 = 14 - 5$ | True / False |
| e. $18 - 6 = 2 + 10$ | True / False |
| f. $15 - 8 = 2 + 5$ | True / False |

2. Lola and Charlie are using expression cards to make true number sentences. Use pictures and words to show who is right.

- a. Lola picked $4 + 8$, and Charlie picked $9 + 3$. Lola says these expressions are equal, but Charlie disagrees. Who is right? Explain your thinking.

- b. Charlie picked $11 - 4$, and Lola picked $6 + 1$. Charlie says these expressions are not equal, but Lola disagrees. Who is right? Use a picture to explain your thinking.
- c. Lola picked $9 + 7$, and Charlie picked $15 - 8$. Lola says these expressions are equal but Charlie disagrees. Who is right? Use a picture to explain your thinking.
3. The following addition number sentences are FALSE. Change one number in each problem to make a TRUE number sentence, and rewrite the number sentence.
- a. $10 + 5 = 9 + 5$ _____
- b. $10 + 3 = 8 + 4$ _____
- c. $9 + 3 = 8 + 5$ _____