Name _____ Date _____

**4. A.** Look at the function table below. The students in Mrs. Dewey's class are trying to write the rule to find the distance in feet when they know the distance in inches. Complete the function table.

Input Output

| Distance in Inches | Distance in Feet |
|---|---|
| 12 | 1 |
| 24 | 2 |
| 36 | 3 |
| 48 | |
| 60 | |
| 72 | 6 |


I think the rule is the distance in inches times 12.


I think the rule is the distance in inches minus 11.


I think the rule is the distance in inches divided by 12.

**B.** Do you agree with Shannon, Ming, or John? Explain.

**5. A.** Look at the function table below. Jerome is trying to write the rule to find the distance in meters when he knows the distance in centimeters. Complete the table.

Input Output

| Distance in Centimeters | Distance in Meters |
|---|---|
| 100 | 1 |
| 10 | 0.10 |
| 1000 | 10 |
| 1 | |
| 500 | |
| 5000 | |


centimeters × 100 = meters

centimeters ÷ 100 = meters

centimeters ÷ 10 = meters

**B.** Which rule do you agree with? Explain.