**10. Create a mathematical model for the problem. Then solve the problem and show your work. Explain how you decided what to do with the remainder.**

**Lincoln is helping out in the school library. He needs to figure out how many shelves the library staff should order for a new reading corner. There are 456 books for the reading corner. Each shelf holds 60 books. The librarian wants to put all the books on shelves. How many shelves should the library order?**

**Quotient\_\_\_\_\_\_\_\_\_\_\_\_\_Remainder\_\_\_\_\_\_\_\_**

**What does the remainder represent?**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Answer: The library should order**

**\_\_\_\_\_\_\_\_\_\_\_ shelves.**

**Circle what you did with the remainder:**

**Ignored Rounded the quotient up**

**11. 58 \*15 = ?**

**Estimate:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**58**

**X 15**

**9. Covert feet inches to complete the table.**

|  |  |
| --- | --- |
| **Feet** | **inches** |
| **1** | **12** |
| **2** |  |
| **5** |  |
| **8** |  |
| **10** |  |

**8. Mr. Meyer’s collects seeds to plant in the spring.**

**When she has 240 seeds, she has enough. Right now Mr. Meyer has 8 bags about 25 in each bag. Should he stop collecting seeds? Explain how you know how.**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**12. 853 / 25 = ?**

**Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**853/25 =\_\_\_\_\_\_\_\_\_\_\_\_\_\_R\_\_\_\_\_\_\_\_\_\_\_\_\_**