

Homework Practice**3MR1.1***Problem-Solving Strategy***Solve. Use the *guess and check* strategy.**

1. Dolores bought some new pillows for her living room. She bought twice as many green pillows as blue pillows, and one less red pillow than green pillows. She bought 9 pillows altogether. How many pillows of each color did she buy?
- _____
- _____

2. Pam and Casey swim every day. Pam swims twice as far as Casey, but they always finish at the same time. If they both begin at 8 A.M., and Casey swims 500 meters, how many meters does Pam swim?
- _____
- _____

3. Arthur reads every day. On weekdays he reads at least 30 minutes a day. On the weekends, he reads twice as long. About how long does he read each week?
- _____
- _____

4. Cecilia was burning a new CD for a friend. The CD could record up to 60 minutes. How many 3- or 4- minute songs could Cecilia burn on to the CD?
- _____
- _____

Write the number that makes each sentence true.
(Lesson 9-1)

5. $100 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

6. $100 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

7. $5 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

8. $1,000 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

9. $3 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

10. $30 \text{ cm} = \underline{\hspace{2cm}} \text{ dm}$

11. $\underline{\hspace{2cm}} \text{ m} = 400 \text{ cm}$

12. $\underline{\hspace{2cm}} \text{ mm} = 20 \text{ cm}$