

## G2-M2-Lesson 6

1. Measure each set of lines in centimeters, and write the length on the line. Complete the comparison sentences.

Line A



Line B



Line C



I can lay my meter strip along each line to measure its length. I need to line up the zero point on my ruler with the endpoint of the line!

Line A

Line B

Line C

15 cm

5 cm

8 cm

Lines A, B, and C are about 28 cm combined.

Line C is about 7 cm shorter than Line A.

Since Line A is 15 cm long and Line C is 8 cm long, I know that Line C is shorter. I can subtract:  $15 - 8 = 7$ . Line C is 7 cm shorter than Line A.

2. Line D is 45 cm long. Line E is 70 cm long. Line F is 1 m long.

Line E is 25 cm longer than Line D.

Line E doubled is 40 cm longer than Line F.

I know that 1 meter equals 100 centimeters. If I double Line E, then it will be 140 cm long because  $70 + 70 = 140$ . 140 centimeters is 40 centimeters more than 100 centimeters.

3. Lanie measured the height of her little brother. He is 52 cm tall.  
How much taller is a meter stick than her brother? 48 cm.

$$52 + \underline{\quad} = 100$$

$$52 + 8 = 60$$

$$60 + 40 = 100$$

$$8 + 40 = 48$$

This is like a missing addend problem. I can solve by adding on. I want to get to 100 because a meter stick is 100 cm long. I know that  $52 + 8$  will get me to the friendly number 60. Then,  $60 + 40 = 100$ . And,  $8 + 40 = 48$ .