Converting Length Across Systems; Currency

Independent Set 5.06

Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

1. $1\text{ in} = 2.54\text{ cm}$. How many centimeters is 12 in?

2. $1\text{ cm} = 0.39\text{ in}$. How many inches is 40 cm?

3. $1\text{ mi} = 1.61\text{ km}$. How many kilometers is 10 mi?

4. $1\text{ km} = 0.62\text{ mi}$. How many miles is 8 km?

5. $1\text{ yd} = 3\text{ ft}$, $1\text{ ft} = 12\text{ in}$, $1\text{ in} = 2.54\text{ cm}$. How many centimeters is 2 yd? Estimate first.

6. Today's rate: $1\,\text{US dollar} = 0.92\,\text{euros}$. How many euros is $50? How many dollars is 23 euros?