Name _____

Measure with a Centimeter Model

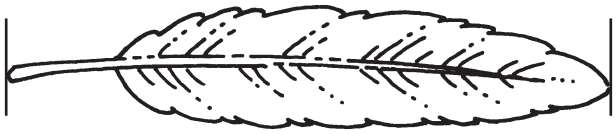
COMMON CORE STANDARD—2.MD.1
Measure and estimate lengths in standard units.

Use a unit cube. Measure the length in centimeters.

1.

about _____ centimeters

2.

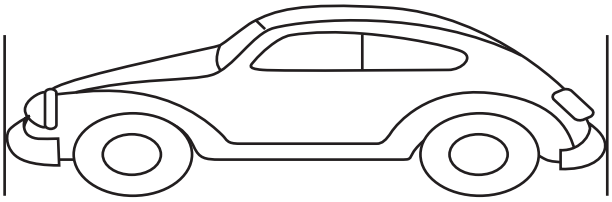


about _____ centimeters

3.

about _____ centimeters

4.



about _____ centimeters

Problem Solving Real World

Solve. Write or draw to explain.

5. Susan has a pencil that is 3 centimeters shorter than this string. How long is the pencil?

about _____ centimeters

Lesson Check (2.MD.1)

1. Sarah used unit cubes to measure the length of a ribbon. Each unit cube is about 1 centimeter long. What is a good estimate for the length of ribbon?

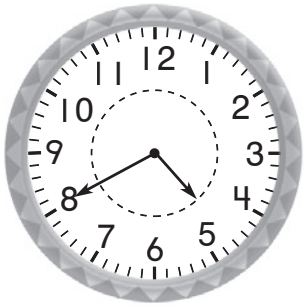
____ centimeters

Spiral Review (2.MD.5, 2.MD.6, 2.MD.7)

2. What is the time on this clock?

____ : ____

3. What is the time on this clock?



____ : ____

4. Dan has a paper strip that is 28 inches long. He tears 6 inches off the strip. How long is the paper strip now?

____ inches

5. Rita has 1 quarter, 1 dime, and 2 pennies. What is the total value of Rita's coins?

$ _____ or ____ cents

Name _____

Estimate Lengths in Centimeters

COMMON CORE STANDARD—2.MD.3
Measure and estimate lengths in standard units.

1. The toothpick is about 6 centimeters long. Circle the best estimate for the length of the yarn.

6 centimeters

9 centimeters

12 centimeters

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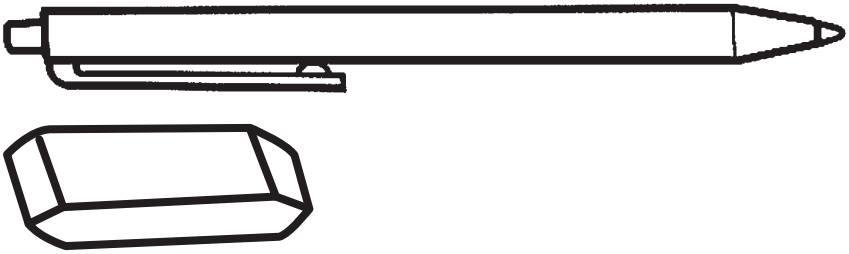
2. The pen is about 11 centimeters long. Circle the best estimate for the length of the eraser.



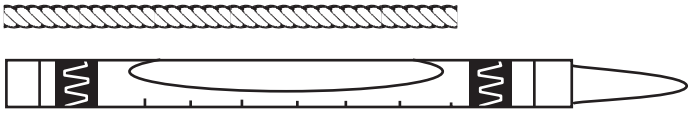
4 centimeters

10 centimeters

14 centimeters

---

3. The string is about 6 centimeters long. Circle the best estimate for the length of the crayon.



5 centimeters

9 centimeters

14 centimeters

Problem Solving Real World

4. The string is about 6 centimeters long. Draw a pencil that is about 12 centimeters long.

Lesson Check (2.MD.3)

1. The pencil is about 12 centimeters long. Estimate the length of the yarn.

____ centimeters

Spiral Review (2.NBT.5, 2.MD.5, 2.MD.6, 2.MD.8)

2. Jeremy has 58 baseball cards. He gives 23 of them to his sister. How many baseball cards does Jeremy have left?

$$\begin{array}{r} 58 \\ -\ 23 \\ \hline \end{array}$$

baseball cards

3. What is the sum?

$$14 + 65 = \_\_\_$$

4. Adrian has a cube train that is 13 inches long. He adds 6 inches of cubes to the train. How long is the cube train now?

____ inches

5. What is the total value of this group of coins?

$ _____, or ____ cents

Name _____

Measure with a Centimeter Ruler

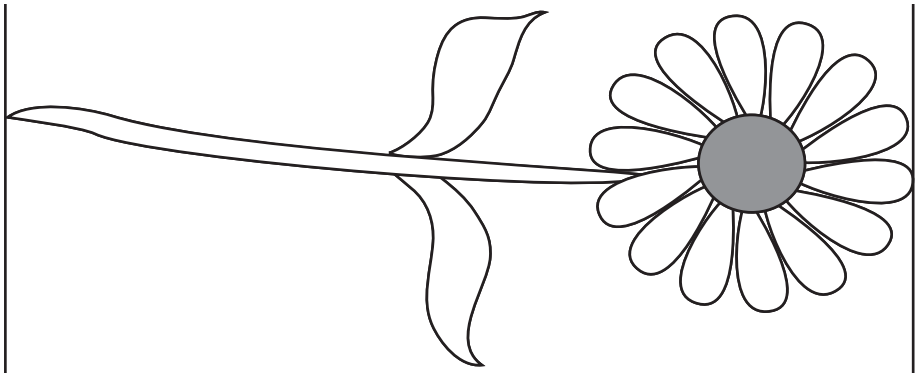
COMMON CORE STANDARD—2.MD.1
Measure and estimate lengths in standard units.

Measure the length to the nearest centimeter.

1.

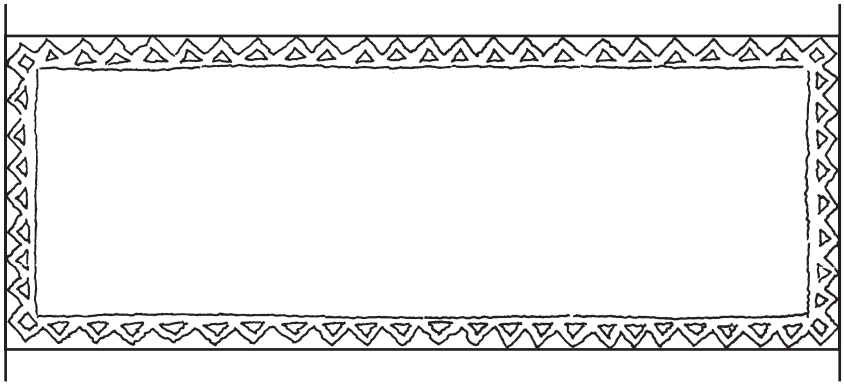
_____ centimeters

2.



_____ centimeters

3.



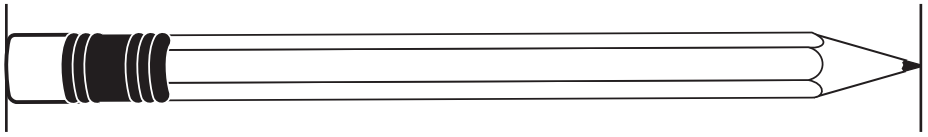
_____ centimeters

Problem Solving Real World

4. Draw a string that is about 8 centimeters long. Then use a centimeter ruler to check the length.

Lesson Check (2.MD.1)

1. Use a centimeter ruler. What is the length of this pencil to the nearest centimeter?



____ centimeters

Spiral Review (2.MD.7, 2.MD.8, 2.MD.9)

2. What is the time on this clock?

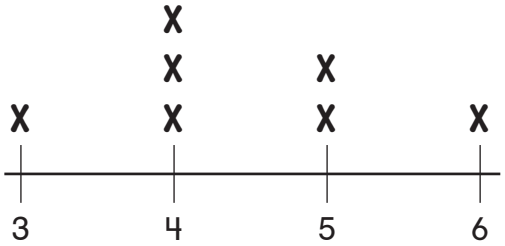
____:____

3. What is the total value of this group of coins?

$ _____ or ____ cents

4. Use the line plot. How many pencils are 5 inches long?

____ pencils



Lengths of Pencils in Inches

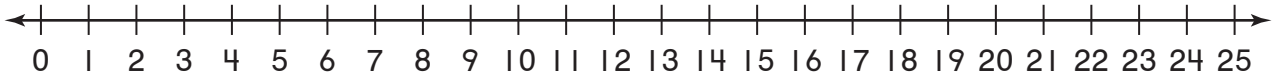
Name _____

Problem Solving • Add and Subtract Lengths

COMMON CORE STANDARDS—2.MD.6, 2.MD.5 *Relate addition and subtraction to length.*

Draw a diagram. Write a number sentence using a ☐ for the missing number. Then solve.

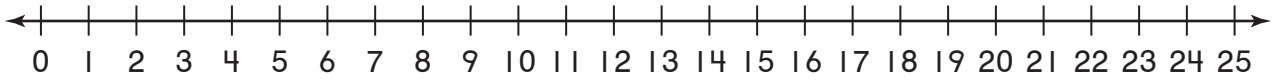
1. A straw is 20 centimeters long. Mr. Jones cuts off 8 centimeters of the straw. How long is the straw now?



_____

The straw is _____ centimeters long now.

2. Ella has a piece of blue yarn that is 14 centimeters long. She has a piece of red yarn that is 9 centimeters long. How many centimeters of yarn does she have altogether?

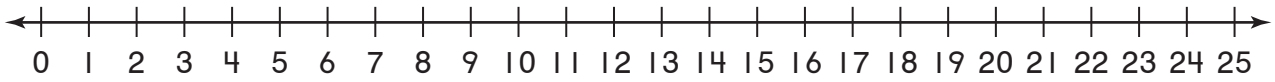


_____

She has _____ centimeters of yarn altogether.

Lesson Check (2.MD.6, 2.MD.5)

1. Tina has a paper clip chain that is 25 centimeters long. She takes off 8 centimeters of the chain. How long is the chain now?



____ centimeters

Spiral Review (2.NBT.7, 2.MD.7, 2.MD.8)

2. What is the sum?

$$\begin{array}{r} 327 \\ +145 \\ \hline \end{array}$$

3. What is another way to write the time half past 7?

____:____

4. Molly has these coins in her pocket. How much money does she have in her pocket?

$ _____ or ____ cents