

Mrs. Klein

's

Unit 3

Study Guide

Test on _____

Use measuring tools if you need help answering these questions:

1. How many inches are in 1 foot? 12

2. How many inches are in 1 yard? 36

3. How many feet are in 1 yard? 3

4. How many inches are in 5 feet? 60

~~5. How many centimeters are in 1 meter? _____~~

~~6. How many decimeters are in 1 meter? _____~~

Hint! Your Math Notebook!

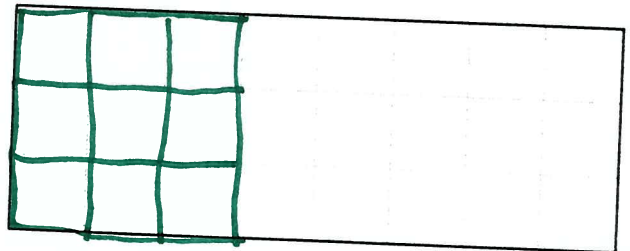
1. Measure to the nearest centimeter.

about 6 cm

Draw a line segment 4 centimeters long.



2. Draw a shape with an area of 9 square centimeters.



3. Write the equivalent lengths. Use a tape measure to help.

3 yards = 9 feet

72 inches = 2 yards

~~50 millimeters = _____ centimeters~~

~~3 meters = _____ centimeters~~



4. Subtract. Show your work.

Unit

Ballpark estimate:

$$940 - 410 = 530$$

$$\begin{array}{r} 3 \\ 943 \\ -409 \\ \hline \end{array}$$

$$534$$

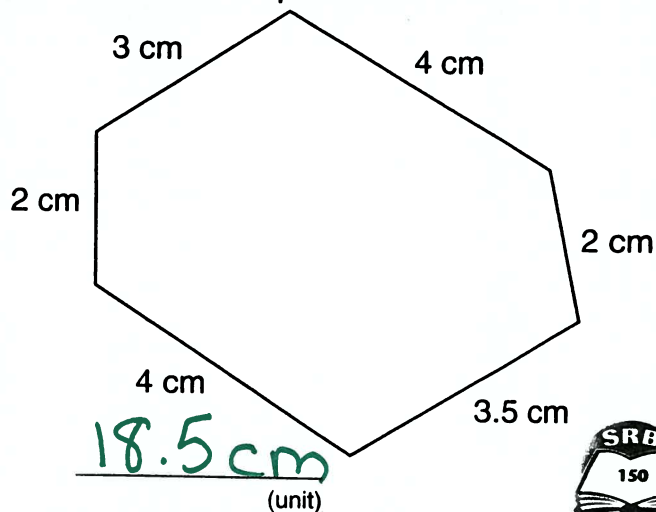


1. Measure to the nearest $\frac{1}{2}$ inch. Fill in the oval next to the best answer.

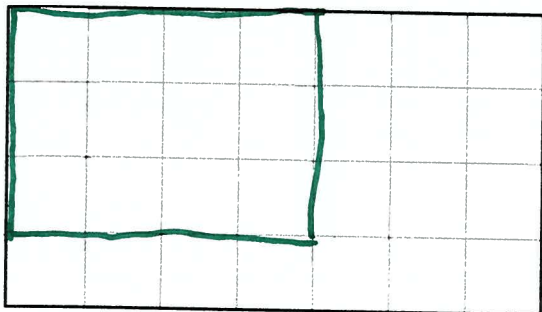
- 1 in.
- $1\frac{1}{2}$ in.
- 2 in.
- $2\frac{1}{2}$ in.



2. What is the perimeter?



2. On the centimeter grid below, draw a shape with an area of 12 square centimeters.



4. Add. Show your work.

Unit

Ballpark estimate:

560 + 190 = 750

$$\begin{array}{r} 555 \\ + 192 \\ \hline 747 \end{array}$$



Cut out Rulers on last page, (if needed)

3. Measure the line segment to the nearest $\frac{1}{2}$ inch.

2 $\frac{1}{2}$ in.



4. Measure the line segment to the nearest $\frac{1}{2}$ centimeter.

6.5 cm



LESSON
1-7

Can You Be Sure?



1. Make a list of things you are *sure* will happen.

- Morning will come
- I will brush my teeth

2. Make a list of things you are sure will *not* happen.

- A volcano will erupt under the school
- The sun will never shine again

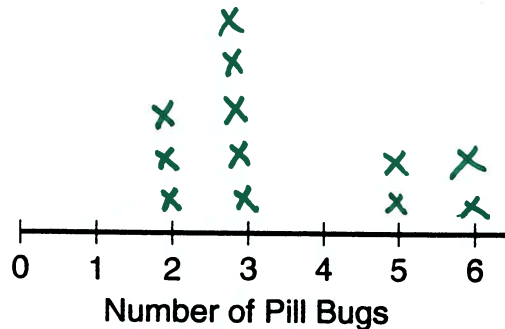
3. Make a list of things you think *might* happen but you are not sure about.

- I think my car will start.
- I think we will go on more field trips

Children in the Science Club collected pill bugs. The tally chart shows how many they collected. Use the data from the tally chart to complete a line plot.

Number of Pill Bugs	Number of Collectors
0	
1	
2	///
3	###
4	
5	//
6	//

Number of Children



Use the data to answer the questions.

1. What is the maximum (greatest) number of pill bugs found? 6 pillbugs
2. What is the minimum (least) number of pill bugs found? 2 pillbugs
3. What is the range for the data? 4 pill bugs
6-2
4. What is the median for the data? 3 pill bugs *2 2 3 3 3 5 6 6*
 $3+3=6 \div 2=3$
5. What is the mode for the data? 3 pill bugs
that occurs most

5. **Book Club Totals**

				X
			X	X
Number of Children	X		X	X
	X	X	X	X
	X	X	X	X
	X	X	X	X

0 1 2 3 4
Books Read

Maximum number of books read:
4

1. Use Ruler A to measure to the nearest inch (in.).

Use Ruler D to measure to the nearest centimeter (cm).

_____ about 3 in.
_____ about 5 in.
_____ about 4 in.

Ruler A

about 8 cm
about 13 cm
about 9 cm

Ruler D

2. Use Ruler B to measure to the nearest $\frac{1}{2}$ inch (in.).

Use Ruler D to measure to the nearest $\frac{1}{2}$ centimeter (cm).

_____ about 4 $\frac{1}{2}$ in.
_____ about 2 in.
_____ about 3 $\frac{1}{2}$ in.

Ruler B

about 11 cm
about 5.5 cm
about 9 cm

Ruler D