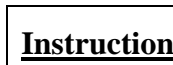



Concept: The Meaning of Percent

Name: _____


COMPUTER COMPONENT

Instructions: In  follow the **Content Menu** path:

Percent > The Meaning of Percent

 Work through all Sub Lessons of the following Lessons **in order**:

- *In This Topic*
- *Percent in the News*
- *Percent Means...*
- *Introduction*
- *Percent Strips*
- *Examples*
- *Making Sense of Percent*
- *Estimating Percent of a Bar*

 As you work through the computer exercises, you will be prompted to make notes in your notebook/math journal.

OFF COMPUTER EXERCISES

1. Fill in the blanks.

Percent means **per centum** which means per *CENTUM* or out of **100**

2. Draw a line from one dot on the edge of the fraction strip to another point on the opposite side of the Percent Strip to show the amount indicated. Then color in the percent indicated.



25 %



75 %



60 %



20 %

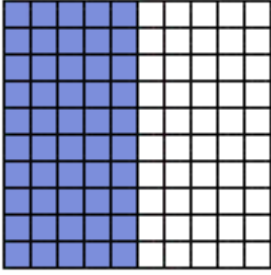
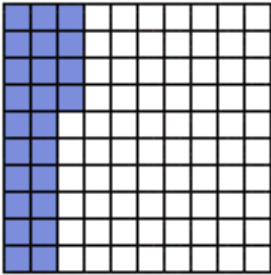


100 %

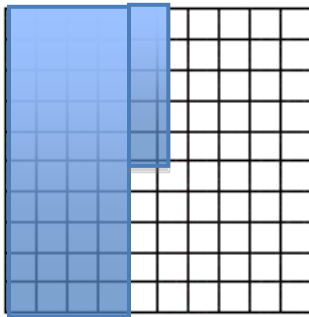


50 %

3. Fill in the table.

Drawing	Percent Not Shaded
	50%
	76%

4. The school records show that of 100 students in the school, 45 lived within walking distance of the school. What percent of students live within walking distance of the school? *Use the grid to help you find the answer.*



Students within walking distance= 45
All Students= 100

$$\text{compare} = \frac{\text{walking}}{\text{(all)students}} = \frac{45}{100} = 45\%$$

5. In the last 100 days, 30 days have been sunny, 60 days have been rainy and 10 days have just been overcast.



(a) *What percentage of the days was sunny?*

$$\frac{30}{100} = 30\%$$

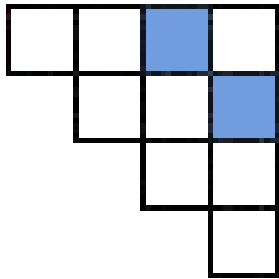
(b) *What percentage of the days was overcast?*

$$\frac{10}{100} = 10\%$$

(c) What percentage of the days was **not** sunny?

$$\frac{70}{100} = 70\%$$

6. What percent of the following diagram is shaded?



$$\frac{\text{Blue}}{\text{All}} = \frac{2}{10} = 20\%$$

SUMMARY

The use of the Frayer Diagram enables students to demonstrate their understanding of the meaning of the word “Percent”. Students should first fill in examples and then the non-examples. Using these, they then should determine the characteristics of “Percent”. With the information in the chart, they will then write their definition of “Percent”.

Frayer Diagram
