PERCENTAGES III

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

To use our knowledge of 10% to determine the percentage of whole numbers.

Necessary Information:

We have been practicing relating percentages to fractions and decimals and using a number line to help us answer the following types of questions.

Practice Section:

1. Find the missing numbers.

a) 10% of 30 is _____

b) 90% of 30 is _____

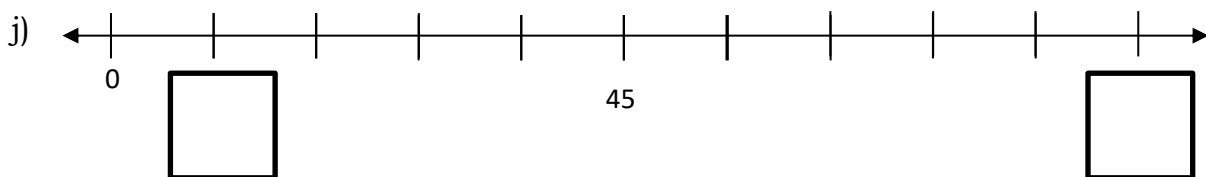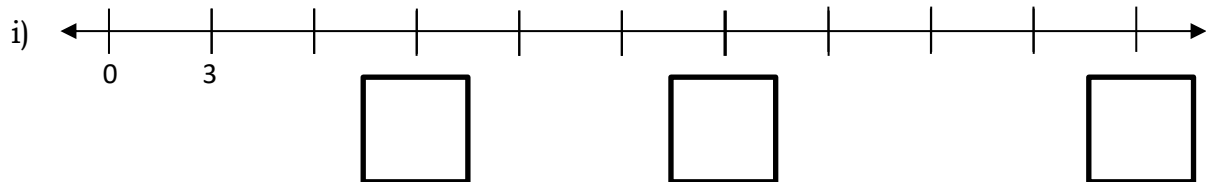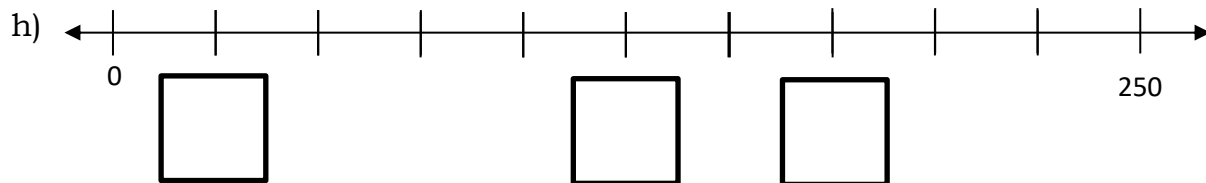c) $\frac{1}{10}$ of 70 is _____

d) $\frac{2}{10}$ of 70 is _____

e) 0.10 of 50 is _____

f) 60% of 50 is _____

g) If $\frac{1}{10}$ of 290 is 29, what is 40% of 290? _____

h)

i)

j)

k) What is 0.9 of 900? _____   l) Find 110% of 20 _____

2. You buy a 120-mL tube of toothpaste. Your family uses 10% of the tube each week.

a) How much of the toothpaste tube is used after week two? _____

b) How much of the tube is left at the end of week three?   _____

3. My cat ate 50% of a 700-gram can of meat and my dog ate $\frac{4}{10}$ of an 800-gram can of meat. How much more did the cat eat?
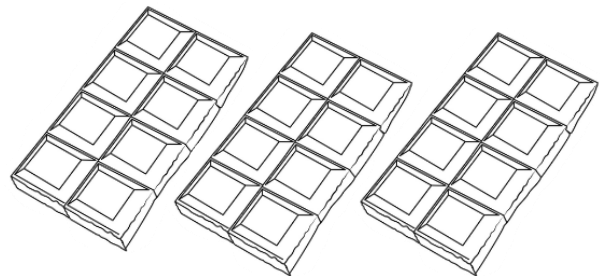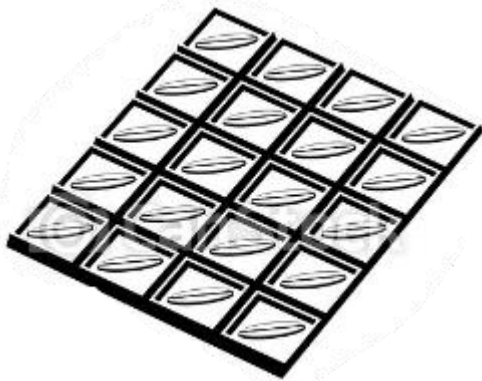
In Your Real World:

With a family member, solve the following question.

Would you rather:

Have 80% of this chocolate bar?   **OR** $\frac{3}{4}$ of all this?

Why? Explain your answer.