Name:_____

Mathematics

Problem Solving Strategies

Always remember to:

Read the problem, **start to finish**, one time. →

Underline and highlight key words.

Look for familiar vocab.

WRITE the formula (if you're using one).

Write down what you know. ⬚ + 3x = 9

Solve for what you don't know. ⬚ + 3x = 9

Include units (if necessary).

Check over your work for mistakes.

Circle your final answer.

1. Cherise bought 7 pencils for $2.80. Find the cost of 5 similar pencils.

$_____

2. Complete the following item.

90 minutes = -------- hours

3. Put in the decimal point so that the 5 has a value of **5 hundredths**.

37850   _____

4. The length of a piece of rope is 465cm.

Write the length in metres.   _____m

5. During a sale, a store has 5% discount on all items. How much must I pay for an item which cost $25.00?

$_____

6. Share $105.00 between Kenny and Danny so that Kenny gets 4 times as much as Danny. How much money each boy gets?

Danny- $_____   Kenny-$_____
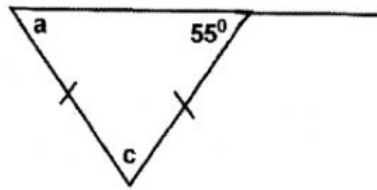
7. Express $4\frac{3}{8}$ as a decimal.

$2\frac{1}{4} \times 1\frac{3}{9} =$

8.   _____

$\frac{4}{5} \div 10 =$

9.   _____

Use the diagram below to answer the following questions.

What is the value of a?

_____

What is the value of c?

10. ____   _____

Check Your Work!