

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

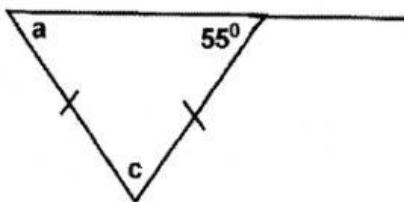
$$2\frac{1}{4} \times 1\frac{3}{9} =$$

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. \_\_\_\_\_

