

LESSON 1: SOLVE – S and O

**Homework**

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**Name** \_\_\_\_\_ **Date** \_\_\_\_\_

**Directions:** Complete the S and O steps for the following problems.

Charlene has 288 beads to divide into bags for a hair braiding party. She is sharing the beads equally with 5 friends. How many beads will she put into each bag?

**1. S** – Underline the question.

This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.

**2. O** – Identify the facts.

Eliminate the unnecessary facts.

List the necessary facts.

Rondo’s father rides his bicycle every weekend. He is training for a marathon. If he averages 4.5 miles an hour, how many hours does it take him to travel 27 miles?

**3. S** – Underline the question.

This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.

**4. O** – Identify the facts.

Eliminate the unnecessary facts.

List the necessary facts.

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Mario and Eugene are at the mall buying school supplies. They want to be sure to have \$10.00 left over for food. Mario has \$24.00 and Eugene has three-fourths of the amount of money Mario has. How much money does Eugene have?

**5. S** – Underline the question.

This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.

**6. O** – Identify the facts.

Eliminate the unnecessary facts.  
List the necessary facts.

Ms. Norton drives the same distance to school and back 5 days during the week. She has to drop her son off at his school on her way. How many miles does she travel round trip to school during the week if she travels 8.5 miles in the morning?

**7. S** – Underline the question.

This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.

**8. O** – Identify the facts.

Eliminate the unnecessary facts.  
List the necessary facts.

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Nonette is counting her calories. She is trying to eat a healthy diet. She ate 1,250 calories yesterday. One half of her calories were eaten in vegetables. One-fourth of her calories were carbohydrates. The rest of her calories were meat and dairy foods. How many of her calories were vegetables and carbohydrates?

**9. S** – Underline the question.

This problem is asking me to find \_\_\_\_\_  
\_\_\_\_\_.

**10. O** –Identify the facts.

Eliminate the unnecessary facts.

List the necessary facts.