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

**Math Circles: Practicing the Steps in Isolation**

Directions: Today you will be practicing the **Detective** step of problem solving.

Look at the problem sheet.

For each problem, write down a **math vocabulary word** that shows what the problem is about. **Underline the clue(s)** in the word problem and write them down.

|  |  |
| --- | --- |
| **Math Vocabulary Word** | **Clue (s)** |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |
| 8. |  |
| 9. |  |
| 10. |  |

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

**Math Circles: Practicing the Steps in Isolation**

Directions: Today you will be practicing the **Illustrator** step of problem solving.

Look at the problem sheet.

For each problem, **draw a picture to represent the math**. Use the following as illustrations:

|  |
| --- |
| \*\*\* this can be customized to your needs  **Examples**  Ones, tens, and hundreds  Stem and leaf plot  Tally chart |

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |
| 9. | 10. |

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

**Math Circles: Practicing the Steps in Isolation**

Directions: Today you will be practicing the **Calculator** step of problem solving.

Look at the problem sheet.

For each problem, **write a number sentence and solve the problem**. Also do the following

|  |
| --- |
| \*\*\* this can be customized to your needs  **Examples**  Use a variable to represent the unknown. |

|  |  |
| --- | --- |
| 1. | 2. |
| 3. | 4. |
| 5. | 6. |
| 7. | 8. |
| 9. | 10. |

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

**Sample Problem sheet**

1. A kid had 31 rocks in his collection. He found 22 more outside. How many does he have altogether?

2. A boy counted 64 dandelions. His friend counted 26 violets. What is the sum of the flowers they counted?

3. There were 16 butterflies in a field. 18 more joined them. What is the sum of the butterflies in the field?

4. A girl delivered 46 newspapers. A boy delivered 35 newspapers. How many more newspapers did the girl deliver than the boy?

5. A boy sold 72 candy bars to rais¨e money. His sister sold 56 candy bars. How many more bars did the boy sell than his sister?

6. A boy sold 72 candy bars to raise money. His sister sold 56 candy bars. How many candy bars did they sell altogether?

7. A girl wanted to do 75 cartwheels. She has already done 16 cartwheels. How many more cartwheels are left for her to do?

8. One boy caught 52 fish. His cousin caught 39 fish. What is the total number of fish they caught?

9. Jessie has 13 acorns. Tina has 8 acorns. How many more acorns does Jessie have then Tina?

10. There were two classes of third graders on a bus. There were 21 in one class and 19 in another. How many kids are there altogether?