

Name _____

Enrichment

2-2

Decode the Shapes

Each shape stands for a different number from 1 to 9.

For **1–10**, solve each exercise to find the value of each shape.

1. $6 - \square = \square$

$6 - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

2. $8 - \square = \square$

$8 - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

3. $\text{Hexagon} - \square = \text{Rectangle}$

$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

4. $\square + \square = \text{Oval}$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

5. $\text{Oval} - \text{Rectangle} = \text{Triangle}$

$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

6. $\text{Hexagon} - \text{Triangle} = \text{Diamond}$

$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

7. $\square + \text{Diamond} = \text{Pentagon}$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

8. $\text{Oval} - \text{Diamond} = \text{Circle}$

$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

9. $\text{Pentagon} + \text{Circle} = \text{Right Triangle}$

$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

10. $\text{Right Triangle} - \square = \text{Oval}$

$\underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

11. Use the values from above. Write the value of each shape.

$\square = \underline{\hspace{1cm}}$

$\text{Oval} = \underline{\hspace{1cm}}$

$\text{Pentagon} = \underline{\hspace{1cm}}$

$\text{Rectangle} = \underline{\hspace{1cm}}$

$\text{Triangle} = \underline{\hspace{1cm}}$

$\text{Circle} = \underline{\hspace{1cm}}$

$\text{Hexagon} = \underline{\hspace{1cm}}$

$\text{Diamond} = \underline{\hspace{1cm}}$

$\text{Right Triangle} = \underline{\hspace{1cm}}$