

# Diamond Problems

## Basic Integers

Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Section: \_\_\_\_\_

Main Ideas	Notes
<p><b>Diamond Problems</b></p> <div style="text-align: center; border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; position: relative;"> <div style="position: absolute; top: 5%; left: 15%;">Product</div> <div style="position: absolute; top: 25%; left: 10%;">#</div> <div style="position: absolute; top: 25%; right: 10%;">#</div> <div style="position: absolute; bottom: 5%; left: 15%;">Sum</div> </div>	

**I Do:**

$$\begin{array}{c} \diagup \quad \diagdown \\ 7 \quad -8 \\ \diagdown \quad \diagup \end{array}$$

$$\begin{array}{c} \diagup \quad \diagdown \\ -6 \quad 4 \\ \diagdown \quad \diagup \end{array}$$

**We Do:**

$$\begin{array}{c} \diagup \quad \diagdown \\ -4 \quad -12 \\ \diagdown \quad \diagup \end{array}$$

$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 80 \\ -16 \quad \diagdown \quad \diagup \end{array}$$

**You Do:**

1) $\begin{array}{c} \diagup \quad \diagdown \\ 5 \quad -9 \\ \diagdown \quad \diagup \end{array}$	2) $\begin{array}{c} \diagup \quad \diagdown \\ -6 \quad 0 \\ \diagdown \quad \diagup \end{array}$	3) $\begin{array}{c} \diagup \quad \diagdown \\ -8 \quad -2 \\ \diagdown \quad \diagup \end{array}$	4) $\begin{array}{c} \diagup \quad \diagdown \\ \quad -44 \\ -4 \quad \diagdown \quad \diagup \end{array}$
5) $\begin{array}{c} \diagup \quad \diagdown \\ \quad 9 \\ -3 \quad \diagdown \quad \diagup \end{array}$	6) $\begin{array}{c} \diagup \quad \diagdown \\ -8 \quad 4 \\ \diagdown \quad \diagup \end{array}$	7) $\begin{array}{c} \diagup \quad \diagdown \\ -6 \quad -14 \\ \diagdown \quad \diagup \end{array}$	8) $\begin{array}{c} \diagup \quad \diagdown \\ \quad 8 \quad -12 \\ \diagdown \quad \diagup \end{array}$
9) $\begin{array}{c} \diagup \quad \diagdown \\ -4 \quad -15 \\ \diagdown \quad \diagup \end{array}$	10) $\begin{array}{c} \diagup \quad \diagdown \\ 4 \quad -2 \\ \diagdown \quad \diagup \end{array}$	11) $\begin{array}{c} \diagup \quad \diagdown \\ -12 \quad 10 \\ \diagdown \quad \diagup \end{array}$	12) $\begin{array}{c} \diagup \quad \diagdown \\ \quad -12 \\ -17 \quad \diagdown \quad \diagup \end{array}$