

Name           **ANSWER KEY**          

Directions: Complete each step in the problem. The answer in the first problem will be used in the second problem and so on. Answers for each problem have been given letters. Watch where the letters are in the problems and put your answers in accordingly. The final answer will be a combination of all answers.

1)  $-2 + -1 = \underline{-3}$  (a)  
 $-1 + 0 = \underline{-1}$  (b)  
 $0 + 1 = \underline{1}$  (c)  
 $1 + 2 = \underline{3}$  (d)  
 $\underline{-3}$  (a) +  $\underline{-1}$  (b) =  $\underline{-4}$  (e)  
 $\underline{-1}$  (b) +  $\underline{1}$  (c) =  $\underline{0}$  (f)  
 $\underline{1}$  (c) +  $\underline{3}$  (d) =  $\underline{4}$  (g)  
 $\underline{-4}$  (e) +  $\underline{0}$  (f) =  $\underline{-4}$  (h)  
 $\underline{0}$  (f) +  $\underline{4}$  (g) =  $\underline{4}$  (i)  
 $\underline{-4}$  (h) +  $\underline{4}$  (i) =  $\underline{0}$  (j) → YOUR FINAL ANSWER!

2)  $-5 + -2 = \underline{-7}$  (a)  
 $-2 + 0 = \underline{-2}$  (b)  
 $0 + 2 = \underline{2}$  (c)  
 $2 + 5 = \underline{7}$  (d)  
 $\underline{-7}$  (a) +  $\underline{-2}$  (b) =  $\underline{-9}$  (e)  
 $\underline{-2}$  (b) +  $\underline{2}$  (c) =  $\underline{0}$  (f)  
 $\underline{2}$  (c) +  $\underline{7}$  (d) =  $\underline{9}$  (g)  
 $\underline{-9}$  (e) +  $\underline{0}$  (f) =  $\underline{-9}$  (h)  
 $\underline{0}$  (f) +  $\underline{9}$  (g) =  $\underline{9}$  (i)  
 $\underline{-9}$  (h) +  $\underline{9}$  (i) =  $\underline{0}$  (j) → YOUR FINAL ANSWER!

3)  $-6 + -3 = \underline{-9}$  (a)  
 $-3 + 4 = \underline{1}$  (b)  
 $4 + 2 = \underline{6}$  (c)  
 $2 + -5 = \underline{-3}$  (d)  
 $\underline{-9}$  (a) +  $\underline{1}$  (b) =  $\underline{-8}$  (e)  
 $\underline{1}$  (b) +  $\underline{6}$  (c) =  $\underline{7}$  (f)  
 $\underline{6}$  (c) +  $\underline{-3}$  (d) =  $\underline{3}$  (g)  
 $\underline{-8}$  (e) +  $\underline{7}$  (f) =  $\underline{-1}$  (h)  
 $\underline{7}$  (f) +  $\underline{3}$  (g) =  $\underline{10}$  (i)  
 $\underline{-1}$  (h) +  $\underline{10}$  (i) =  $\underline{9}$  (j) → YOUR FINAL ANSWER!

4)  $-2 + 4 = \underline{2}$  (a)  
 $4 + -8 = \underline{-4}$  (b)  
 $-8 + 16 = \underline{8}$  (c)  
 $16 + -32 = \underline{-16}$  (d)  
 $\underline{2}$  (a) +  $\underline{-4}$  (b) =  $\underline{-2}$  (e)  
 $\underline{-4}$  (b) +  $\underline{8}$  (c) =  $\underline{4}$  (f)  
 $\underline{8}$  (c) +  $\underline{-16}$  (d) =  $\underline{-8}$  (g)  
 $\underline{-2}$  (e) +  $\underline{4}$  (f) =  $\underline{2}$  (h)  
 $\underline{4}$  (f) +  $\underline{-8}$  (g) =  $\underline{-4}$  (i)  
 $\underline{2}$  (h) +  $\underline{-4}$  (i) =  $\underline{-2}$  (j) → YOUR FINAL ANSWER!

$$\begin{aligned}
5) \quad & 243 + -81 = \underline{162} \text{ (a)} \\
& -81 + 27 = \underline{-54} \text{ (b)} \\
& 27 + -9 = \underline{18} \text{ (c)} \\
& -9 + 3 = \underline{-6} \text{ (d)} \\
& \underline{162} \text{ (a)} + \underline{-54} \text{ (b)} = \underline{108} \text{ (e)} \\
& \underline{-54} \text{ (b)} + \underline{18} \text{ (c)} = \underline{-36} \text{ (f)} \\
& \underline{18} \text{ (c)} + \underline{-6} \text{ (d)} = \underline{12} \text{ (g)} \\
& \underline{108} \text{ (e)} + \underline{-36} \text{ (f)} = \underline{72} \text{ (h)} \\
& \underline{-36} \text{ (f)} + \underline{12} \text{ (g)} = \underline{-24} \text{ (i)} \\
& \underline{72} \text{ (h)} + \underline{-24} \text{ (i)} = \underline{48} \text{ (j)} \rightarrow \text{YOUR FINAL ANSWER!}
\end{aligned}$$

$$\begin{aligned}
6) \quad & 6 + -8 = \underline{-2} \text{ (a)} \\
& -8 + 6 = \underline{-2} \text{ (b)} \\
& 6 + 5 = \underline{11} \text{ (c)} \\
& 5 + -32 = \underline{-27} \text{ (d)} \\
& -32 + 84 = \underline{52} \text{ (e)} \\
& \underline{-2} \text{ (a)} + \underline{-2} \text{ (b)} = \underline{-4} \text{ (f)} \\
& \underline{-2} \text{ (b)} + \underline{11} \text{ (c)} = \underline{9} \text{ (g)} \\
& \underline{11} \text{ (c)} + \underline{-27} \text{ (d)} = \underline{-16} \text{ (h)} \\
& \underline{-27} \text{ (d)} + \underline{52} \text{ (e)} = \underline{25} \text{ (i)} \\
& \underline{-4} \text{ (f)} + \underline{9} \text{ (g)} = \underline{5} \text{ (j)} \\
& \underline{9} \text{ (g)} + \underline{-16} \text{ (h)} = \underline{-7} \text{ (k)} \\
& \underline{-16} \text{ (h)} + \underline{25} \text{ (i)} = \underline{9} \text{ (l)} \\
& \underline{5} \text{ (j)} + \underline{-7} \text{ (k)} = \underline{-2} \text{ (m)} \\
& \underline{-7} \text{ (k)} + \underline{9} \text{ (l)} = \underline{2} \text{ (n)} \\
& \underline{-2} \text{ (m)} + \underline{2} \text{ (n)} = \underline{0} \text{ (o)} \rightarrow \text{YOUR FINAL ANSWER!}
\end{aligned}$$