

# Diamond Math Problems

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



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)  $\begin{array}{ccc} & & \\ +13 & & +8 \\ & & \end{array}$

(2)  $\begin{array}{ccc} & & \\ +13 & & +7 \\ & & \end{array}$

(3)  $\begin{array}{ccc} & & \\ +10 & & +3 \\ & & \end{array}$

(4)  $\begin{array}{ccc} & & \\ -9 & & +6 \\ & & \end{array}$

(5)  $\begin{array}{ccc} & & \\ +15 & & -13 \\ & & \end{array}$

(6)  $\begin{array}{ccc} & & \\ +13 & & -14 \\ & & \end{array}$

(7)  $\begin{array}{ccc} & & \\ +13 & & -2 \\ & & \end{array}$

(8)  $\begin{array}{ccc} & & \\ +12 & & +6 \\ & & \end{array}$

(9)  $\begin{array}{ccc} & & \\ -5 & & +7 \\ & & \end{array}$

(10)  $\begin{array}{ccc} & & \\ -50 & & \\ & & -10 \\ & & \end{array}$

(11)  $\begin{array}{ccc} & & \\ 90 & & \\ & & +15 \\ & & \end{array}$

(12)  $\begin{array}{ccc} & & \\ -117 & & \\ & & -9 \\ & & \end{array}$

(13)  $\begin{array}{ccc} & & \\ +10 & & \\ & & 21 \\ & & \end{array}$

(14)  $\begin{array}{ccc} & & \\ -65 & & \\ & & -13 \\ & & \end{array}$

(15)  $\begin{array}{ccc} & & \\ -78 & & \\ -13 & & \\ & & \end{array}$

(16)  $\begin{array}{ccc} & & \\ -44 & & \\ & & +11 \\ & & \end{array}$

(17)  $\begin{array}{ccc} & & \\ +10 & & \\ & & 9 \\ & & \end{array}$

(18)  $\begin{array}{ccc} & & \\ & & +4 \\ & & 6 \\ & & \end{array}$

(19)  $\begin{array}{ccc} & & \\ +11 & & \\ & & 16 \\ & & \end{array}$

(20)  $\begin{array}{ccc} & & \\ & & +9 \\ & & 0 \\ & & \end{array}$

(21)  $\begin{array}{ccc} & & \\ -132 & & \\ +11 & & \\ & & \end{array}$

(22)  $\begin{array}{ccc} & & \\ & & +5 \\ & & 15 \\ & & \end{array}$

(23)  $\begin{array}{ccc} & & \\ -140 & & \\ & & 4 \\ & & \end{array}$

(24)  $\begin{array}{ccc} & & \\ -20 & & \\ & & -1 \\ & & \end{array}$

(25)  $\begin{array}{ccc} & & \\ 60 & & \\ & & 16 \\ & & \end{array}$

(26)  $\begin{array}{ccc} & & \\ 80 & & \\ & & 18 \\ & & \end{array}$

(27)  $\begin{array}{ccc} & & \\ -15 & & \\ & & 14 \\ & & \end{array}$

(28)  $\begin{array}{ccc} & & \\ 55 & & \\ & & 16 \\ & & \end{array}$

# Diamond Math Problems

## ANSWER KEY



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1) 
$$\begin{array}{ccc} & 104 & \\ +13 & \times & +8 \\ & 21 & \end{array}$$

(2) 
$$\begin{array}{ccc} & 91 & \\ +13 & \times & +7 \\ & 20 & \end{array}$$

(3) 
$$\begin{array}{ccc} & 30 & \\ +10 & \times & +3 \\ & 13 & \end{array}$$

(4) 
$$\begin{array}{ccc} & -54 & \\ -9 & \times & +6 \\ & -3 & \end{array}$$

(5) 
$$\begin{array}{ccc} & -195 & \\ +15 & \times & -13 \\ & 2 & \end{array}$$

(6) 
$$\begin{array}{ccc} & -182 & \\ +13 & \times & -14 \\ & -1 & \end{array}$$

(7) 
$$\begin{array}{ccc} & -26 & \\ +13 & \times & -2 \\ & 11 & \end{array}$$

(8) 
$$\begin{array}{ccc} & 72 & \\ +12 & \times & +6 \\ & 18 & \end{array}$$

(9) 
$$\begin{array}{ccc} & -35 & \\ -5 & \times & +7 \\ & 2 & \end{array}$$

(10) 
$$\begin{array}{ccc} & -50 & \\ +5 & \times & -10 \\ & -5 & \end{array}$$

(11) 
$$\begin{array}{ccc} & 90 & \\ +6 & \times & +15 \\ & 21 & \end{array}$$

(12) 
$$\begin{array}{ccc} & -117 & \\ -9 & \times & +13 \\ & 4 & \end{array}$$

(13) 
$$\begin{array}{ccc} & 110 & \\ +10 & \times & +11 \\ & 21 & \end{array}$$

(14) 
$$\begin{array}{ccc} & -65 & \\ +5 & \times & -13 \\ & -8 & \end{array}$$

(15) 
$$\begin{array}{ccc} & -78 & \\ -13 & \times & +6 \\ & -7 & \end{array}$$

(16) 
$$\begin{array}{ccc} & -44 & \\ -4 & \times & +11 \\ & 7 & \end{array}$$

(17) 
$$\begin{array}{ccc} & -10 & \\ +10 & \times & -1 \\ & 9 & \end{array}$$

(18) 
$$\begin{array}{ccc} & 8 & \\ +2 & \times & +4 \\ & 6 & \end{array}$$

(19) 
$$\begin{array}{ccc} & 55 & \\ +11 & \times & +5 \\ & 16 & \end{array}$$

(20) 
$$\begin{array}{ccc} & -81 & \\ -9 & \times & +9 \\ & 0 & \end{array}$$

(21) 
$$\begin{array}{ccc} & -132 & \\ +11 & \times & -12 \\ & -1 & \end{array}$$

(22) 
$$\begin{array}{ccc} & 50 & \\ +10 & \times & +5 \\ & 15 & \end{array}$$

(23) 
$$\begin{array}{ccc} & -140 & \\ -10 & \times & +14 \\ & 4 & \end{array}$$

(24) 
$$\begin{array}{ccc} & -20 & \\ +4 & \times & -5 \\ & -1 & \end{array}$$

(25) 
$$\begin{array}{ccc} & 60 & \\ +6 & \times & +10 \\ & 16 & \end{array}$$

(26) 
$$\begin{array}{ccc} & 80 & \\ +8 & \times & +10 \\ & 18 & \end{array}$$

(27) 
$$\begin{array}{ccc} & -15 & \\ -1 & \times & +15 \\ & 14 & \end{array}$$

(28) 
$$\begin{array}{ccc} & 55 & \\ +5 & \times & +11 \\ & 16 & \end{array}$$

# Diamond Math Problems

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



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)  $\begin{array}{c} \diagup \quad \diagdown \\ -4 \quad +11 \\ \diagdown \quad \diagup \end{array}$

(2)  $\begin{array}{c} \diagup \quad \diagdown \\ +9 \quad -10 \\ \diagdown \quad \diagup \end{array}$

(3)  $\begin{array}{c} \diagup \quad \diagdown \\ +9 \quad -3 \\ \diagdown \quad \diagup \end{array}$

(4)  $\begin{array}{c} \diagup \quad \diagdown \\ -14 \quad +6 \\ \diagdown \quad \diagup \end{array}$

(5)  $\begin{array}{c} \diagup \quad \diagdown \\ -6 \quad +8 \\ \diagdown \quad \diagup \end{array}$

(6)  $\begin{array}{c} \diagup \quad \diagdown \\ +14 \quad +10 \\ \diagdown \quad \diagup \end{array}$

(7)  $\begin{array}{c} \diagup \quad \diagdown \\ -5 \quad +7 \\ \diagdown \quad \diagup \end{array}$

(8)  $\begin{array}{c} \diagup \quad \diagdown \\ +10 \quad +3 \\ \diagdown \quad \diagup \end{array}$

(9)  $\begin{array}{c} \diagup \quad \diagdown \\ +12 \quad +5 \\ \diagdown \quad \diagup \end{array}$

(10)  $\begin{array}{c} \diagup \quad \diagdown \\ -11 \quad +8 \\ \diagdown \quad \diagup \end{array}$

(11)  $\begin{array}{c} \diagup \quad \diagdown \\ +13 \quad +5 \\ \diagdown \quad \diagup \end{array}$

(12)  $\begin{array}{c} \diagup \quad \diagdown \\ +9 \quad +10 \\ \diagdown \quad \diagup \end{array}$

(13)  $\begin{array}{c} \diagup \quad \diagdown \\ -42 \\ +14 \\ \diagdown \quad \diagup \end{array}$

(14)  $\begin{array}{c} \diagup \quad \diagdown \\ -12 \\ -6 \\ \diagdown \quad \diagup \end{array}$

(15)  $\begin{array}{c} \diagup \quad \diagdown \\ +3 \\ 17 \\ \diagdown \quad \diagup \end{array}$

(16)  $\begin{array}{c} \diagup \quad \diagdown \\ -66 \\ +6 \\ \diagdown \quad \diagup \end{array}$

(17)  $\begin{array}{c} \diagup \quad \diagdown \\ +14 \\ 9 \\ \diagdown \quad \diagup \end{array}$

(18)  $\begin{array}{c} \diagup \quad \diagdown \\ -108 \\ -3 \\ \diagdown \quad \diagup \end{array}$

(19)  $\begin{array}{c} \diagup \quad \diagdown \\ -20 \\ -1 \\ \diagdown \quad \diagup \end{array}$

(20)  $\begin{array}{c} \diagup \quad \diagdown \\ 45 \\ 14 \\ \diagdown \quad \diagup \end{array}$

(21)  $\begin{array}{c} \diagup \quad \diagdown \\ -75 \\ 10 \\ \diagdown \quad \diagup \end{array}$

(22)  $\begin{array}{c} \diagup \quad \diagdown \\ 24 \\ 10 \\ \diagdown \quad \diagup \end{array}$

(23)  $\begin{array}{c} \diagup \quad \diagdown \\ 6 \\ 7 \\ \diagdown \quad \diagup \end{array}$

(24)  $\begin{array}{c} \diagup \quad \diagdown \\ -60 \\ -4 \\ \diagdown \quad \diagup \end{array}$

(25)  $\begin{array}{c} \diagup \quad \diagdown \\ -84 \\ -8 \\ \diagdown \quad \diagup \end{array}$

(26)  $\begin{array}{c} \diagup \quad \diagdown \\ -140 \\ 4 \\ \diagdown \quad \diagup \end{array}$

(27)  $\begin{array}{c} \diagup \quad \diagdown \\ 30 \\ 17 \\ \diagdown \quad \diagup \end{array}$

(28)  $\begin{array}{c} \diagup \quad \diagdown \\ -55 \\ -6 \\ \diagdown \quad \diagup \end{array}$

# Diamond Math Problems

## ANSWER KEY



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1) 
$$\begin{array}{ccc} & -44 & \\ -4 & \times & +11 \\ & 7 & \end{array}$$

(2) 
$$\begin{array}{ccc} & -90 & \\ +9 & \times & -10 \\ & -1 & \end{array}$$

(3) 
$$\begin{array}{ccc} & -27 & \\ +9 & \times & -3 \\ & 6 & \end{array}$$

(4) 
$$\begin{array}{ccc} & -84 & \\ -14 & \times & +6 \\ & -8 & \end{array}$$

(5) 
$$\begin{array}{ccc} & -48 & \\ -6 & \times & +8 \\ & 2 & \end{array}$$

(6) 
$$\begin{array}{ccc} & 140 & \\ +14 & \times & +10 \\ & 24 & \end{array}$$

(7) 
$$\begin{array}{ccc} & -35 & \\ -5 & \times & +7 \\ & 2 & \end{array}$$

(8) 
$$\begin{array}{ccc} & 30 & \\ +10 & \times & +3 \\ & 13 & \end{array}$$

(9) 
$$\begin{array}{ccc} & 60 & \\ +12 & \times & +5 \\ & 17 & \end{array}$$

(10) 
$$\begin{array}{ccc} & -88 & \\ -11 & \times & +8 \\ & -3 & \end{array}$$

(11) 
$$\begin{array}{ccc} & 65 & \\ +13 & \times & +5 \\ & 18 & \end{array}$$

(12) 
$$\begin{array}{ccc} & 90 & \\ +9 & \times & +10 \\ & 19 & \end{array}$$

(13) 
$$\begin{array}{ccc} & -42 & \\ +14 & \times & -3 \\ & 11 & \end{array}$$

(14) 
$$\begin{array}{ccc} & -72 & \\ -12 & \times & +6 \\ & -6 & \end{array}$$

(15) 
$$\begin{array}{ccc} & 42 & \\ +3 & \times & +14 \\ & 17 & \end{array}$$

(16) 
$$\begin{array}{ccc} & -66 & \\ +6 & \times & -11 \\ & -5 & \end{array}$$

(17) 
$$\begin{array}{ccc} & -70 & \\ +14 & \times & -5 \\ & 9 & \end{array}$$

(18) 
$$\begin{array}{ccc} & -108 & \\ +9 & \times & -12 \\ & -3 & \end{array}$$

(19) 
$$\begin{array}{ccc} & -20 & \\ -5 & \times & +4 \\ & -1 & \end{array}$$

(20) 
$$\begin{array}{ccc} & 45 & \\ +5 & \times & +9 \\ & 14 & \end{array}$$

(21) 
$$\begin{array}{ccc} & -75 & \\ +15 & \times & -5 \\ & 10 & \end{array}$$

(22) 
$$\begin{array}{ccc} & 24 & \\ +6 & \times & +4 \\ & 10 & \end{array}$$

(23) 
$$\begin{array}{ccc} & 6 & \\ +6 & \times & +1 \\ & 7 & \end{array}$$

(24) 
$$\begin{array}{ccc} & -60 & \\ -10 & \times & +6 \\ & -4 & \end{array}$$

(25) 
$$\begin{array}{ccc} & -84 & \\ +6 & \times & -14 \\ & -8 & \end{array}$$

(26) 
$$\begin{array}{ccc} & -140 & \\ +14 & \times & -10 \\ & 4 & \end{array}$$

(27) 
$$\begin{array}{ccc} & 30 & \\ +2 & \times & +15 \\ & 17 & \end{array}$$

(28) 
$$\begin{array}{ccc} & -55 & \\ -11 & \times & +5 \\ & -6 & \end{array}$$

# Diamond Math Problems

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



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)  $\begin{array}{ccc} & & \\ +13 & & +5 \\ & & \end{array}$

(2)  $\begin{array}{ccc} & & \\ +10 & & -13 \\ & & \end{array}$

(3)  $\begin{array}{ccc} & & \\ -1 & & +7 \\ & & \end{array}$

(4)  $\begin{array}{ccc} & & \\ +15 & & -9 \\ & & \end{array}$

(5)  $\begin{array}{ccc} & & \\ -2 & & +7 \\ & & \end{array}$

(6)  $\begin{array}{ccc} & & \\ +11 & & -2 \\ & & \end{array}$

(7)  $\begin{array}{ccc} & & \\ +6 & & -6 \\ & & \end{array}$

(8)  $\begin{array}{ccc} & & \\ +15 & & +8 \\ & & \end{array}$

(9)  $\begin{array}{ccc} & & \\ -15 & & +9 \\ & & \end{array}$

(10)  $\begin{array}{ccc} & & \\ +11 & & -8 \\ & & \end{array}$

(11)  $\begin{array}{ccc} & & \\ +12 & & +6 \\ & & \end{array}$

(12)  $\begin{array}{ccc} & 22 & \\ & & \\ +2 & & \end{array}$

(13)  $\begin{array}{ccc} & & \\ & +10 & \\ 14 & & \end{array}$

(14)  $\begin{array}{ccc} & -13 & \\ & & \\ -1 & & \end{array}$

(15)  $\begin{array}{ccc} & & \\ +9 & & \\ -5 & & \end{array}$

(16)  $\begin{array}{ccc} & -78 & \\ & & \\ +6 & & \end{array}$

(17)  $\begin{array}{ccc} & & \\ & +6 & \\ 4 & & \end{array}$

(18)  $\begin{array}{ccc} & 105 & \\ & & \\ +15 & & \end{array}$

(19)  $\begin{array}{ccc} & 33 & \\ & & \\ 14 & & \end{array}$

(20)  $\begin{array}{ccc} & -25 & \\ & & \\ 0 & & \end{array}$

(21)  $\begin{array}{ccc} & 15 & \\ & & \\ 16 & & \end{array}$

(22)  $\begin{array}{ccc} & -8 & \\ & & \\ 7 & & \end{array}$

(23)  $\begin{array}{ccc} & 12 & \\ & & \\ 13 & & \end{array}$

(24)  $\begin{array}{ccc} & -48 & \\ & & \\ 2 & & \end{array}$

(25)  $\begin{array}{ccc} & 104 & \\ & & \\ 21 & & \end{array}$

(26)  $\begin{array}{ccc} & 35 & \\ & & \\ 12 & & \end{array}$

(27)  $\begin{array}{ccc} & 45 & \\ & & \\ 18 & & \end{array}$

(28)  $\begin{array}{ccc} & -10 & \\ & & \\ 3 & & \end{array}$

# Diamond Math Problems

## ANSWER KEY



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1) 
$$\begin{array}{ccc} & 65 & \\ +13 & \times & +5 \\ & 18 & \end{array}$$

(2) 
$$\begin{array}{ccc} & -130 & \\ +10 & \times & -13 \\ & -3 & \end{array}$$

(3) 
$$\begin{array}{ccc} & -7 & \\ -1 & \times & +7 \\ & 6 & \end{array}$$

(4) 
$$\begin{array}{ccc} & -135 & \\ +15 & \times & -9 \\ & 6 & \end{array}$$

(5) 
$$\begin{array}{ccc} & -14 & \\ -2 & \times & +7 \\ & 5 & \end{array}$$

(6) 
$$\begin{array}{ccc} & -22 & \\ +11 & \times & -2 \\ & 9 & \end{array}$$

(7) 
$$\begin{array}{ccc} & -36 & \\ +6 & \times & -6 \\ & 0 & \end{array}$$

(8) 
$$\begin{array}{ccc} & 120 & \\ +15 & \times & +8 \\ & 23 & \end{array}$$

(9) 
$$\begin{array}{ccc} & -135 & \\ -15 & \times & +9 \\ & -6 & \end{array}$$

(10) 
$$\begin{array}{ccc} & -88 & \\ +11 & \times & -8 \\ & 3 & \end{array}$$

(11) 
$$\begin{array}{ccc} & 72 & \\ +12 & \times & +6 \\ & 18 & \end{array}$$

(12) 
$$\begin{array}{ccc} & 22 & \\ +11 & \times & +2 \\ & 13 & \end{array}$$

(13) 
$$\begin{array}{ccc} & 40 & \\ +4 & \times & +10 \\ & 14 & \end{array}$$

(14) 
$$\begin{array}{ccc} & -13 & \\ +13 & \times & -1 \\ & 12 & \end{array}$$

(15) 
$$\begin{array}{ccc} & -126 & \\ +9 & \times & -14 \\ & -5 & \end{array}$$

(16) 
$$\begin{array}{ccc} & -78 & \\ +6 & \times & -13 \\ & -7 & \end{array}$$

(17) 
$$\begin{array}{ccc} & -12 & \\ -2 & \times & +6 \\ & 4 & \end{array}$$

(18) 
$$\begin{array}{ccc} & 105 & \\ +7 & \times & +15 \\ & 22 & \end{array}$$

(19) 
$$\begin{array}{ccc} & 33 & \\ +11 & \times & +3 \\ & 14 & \end{array}$$

(20) 
$$\begin{array}{ccc} & -25 & \\ +5 & \times & -5 \\ & 0 & \end{array}$$

(21) 
$$\begin{array}{ccc} & 15 & \\ +15 & \times & +1 \\ & 16 & \end{array}$$

(22) 
$$\begin{array}{ccc} & -8 & \\ +8 & \times & -1 \\ & 7 & \end{array}$$

(23) 
$$\begin{array}{ccc} & 12 & \\ +12 & \times & +1 \\ & 13 & \end{array}$$

(24) 
$$\begin{array}{ccc} & -48 & \\ +8 & \times & -6 \\ & 2 & \end{array}$$

(25) 
$$\begin{array}{ccc} & 104 & \\ +8 & \times & +13 \\ & 21 & \end{array}$$

(26) 
$$\begin{array}{ccc} & 35 & \\ +7 & \times & +5 \\ & 12 & \end{array}$$

(27) 
$$\begin{array}{ccc} & 45 & \\ +15 & \times & +3 \\ & 18 & \end{array}$$

(28) 
$$\begin{array}{ccc} & -10 & \\ +5 & \times & -2 \\ & 3 & \end{array}$$

# Diamond Math Problems

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



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)  $\begin{array}{c} \diagup \quad \diagdown \\ +3 \quad +9 \\ \diagdown \quad \diagup \end{array}$

(2)  $\begin{array}{c} \diagup \quad \diagdown \\ +19 \quad +3 \\ \diagdown \quad \diagup \end{array}$

(3)  $\begin{array}{c} \diagup \quad \diagdown \\ +17 \quad +4 \\ \diagdown \quad \diagup \end{array}$

(4)  $\begin{array}{c} \diagup \quad \diagdown \\ -14 \quad +14 \\ \diagdown \quad \diagup \end{array}$

(5)  $\begin{array}{c} \diagup \quad \diagdown \\ +19 \quad -7 \\ \diagdown \quad \diagup \end{array}$

(6)  $\begin{array}{c} \diagup \quad \diagdown \\ +3 \quad +10 \\ \diagdown \quad \diagup \end{array}$

(7)  $\begin{array}{c} \diagup \quad \diagdown \\ +17 \quad -6 \\ \diagdown \quad \diagup \end{array}$

(8)  $\begin{array}{c} \diagup \quad \diagdown \\ +8 \quad -12 \\ \diagdown \quad \diagup \end{array}$

(9)  $\begin{array}{c} \diagup \quad \diagdown \\ -7 \quad +17 \\ \diagdown \quad \diagup \end{array}$

(10)  $\begin{array}{c} \diagup \quad \diagdown \\ -10 \quad +8 \\ \diagdown \quad \diagup \end{array}$

(11)  $\begin{array}{c} \diagup \quad \diagdown \\ -16 \quad +16 \\ \diagdown \quad \diagup \end{array}$

(12)  $\begin{array}{c} \diagup \quad \diagdown \\ -160 \\ -10 \\ \diagdown \quad \diagup \end{array}$

(13)  $\begin{array}{c} \diagup \quad \diagdown \\ 68 \\ +4 \\ \diagdown \quad \diagup \end{array}$

(14)  $\begin{array}{c} \diagup \quad \diagdown \\ 152 \\ +19 \\ \diagdown \quad \diagup \end{array}$

(15)  $\begin{array}{c} \diagup \quad \diagdown \\ +11 \\ 7 \\ \diagdown \quad \diagup \end{array}$

(16)  $\begin{array}{c} \diagup \quad \diagdown \\ 120 \\ +12 \\ \diagdown \quad \diagup \end{array}$

(17)  $\begin{array}{c} \diagup \quad \diagdown \\ 126 \\ +18 \\ \diagdown \quad \diagup \end{array}$

(18)  $\begin{array}{c} \diagup \quad \diagdown \\ -180 \\ 11 \\ \diagdown \quad \diagup \end{array}$

(19)  $\begin{array}{c} \diagup \quad \diagdown \\ 91 \\ 20 \\ \diagdown \quad \diagup \end{array}$

(20)  $\begin{array}{c} \diagup \quad \diagdown \\ -216 \\ 6 \\ \diagdown \quad \diagup \end{array}$

(21)  $\begin{array}{c} \diagup \quad \diagdown \\ -136 \\ 9 \\ \diagdown \quad \diagup \end{array}$

(22)  $\begin{array}{c} \diagup \quad \diagdown \\ -63 \\ 2 \\ \diagdown \quad \diagup \end{array}$

(23)  $\begin{array}{c} \diagup \quad \diagdown \\ 105 \\ 22 \\ \diagdown \quad \diagup \end{array}$

(24)  $\begin{array}{c} \diagup \quad \diagdown \\ 15 \\ 16 \\ \diagdown \quad \diagup \end{array}$

(25)  $\begin{array}{c} \diagup \quad \diagdown \\ -104 \\ -5 \\ \diagdown \quad \diagup \end{array}$

(26)  $\begin{array}{c} \diagup \quad \diagdown \\ 84 \\ 19 \\ \diagdown \quad \diagup \end{array}$

(27)  $\begin{array}{c} \diagup \quad \diagdown \\ -98 \\ -7 \\ \diagdown \quad \diagup \end{array}$

(28)  $\begin{array}{c} \diagup \quad \diagdown \\ -48 \\ 2 \\ \diagdown \quad \diagup \end{array}$

# Diamond Math Problems

## ANSWER KEY



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1) 
$$\begin{array}{ccc} & 27 & \\ +3 & \times & +9 \\ & 12 & \end{array}$$

(2) 
$$\begin{array}{ccc} & 57 & \\ +19 & \times & +3 \\ & 22 & \end{array}$$

(3) 
$$\begin{array}{ccc} & 68 & \\ +17 & \times & +4 \\ & 21 & \end{array}$$

(4) 
$$\begin{array}{ccc} & -196 & \\ -14 & \times & +14 \\ & 0 & \end{array}$$

(5) 
$$\begin{array}{ccc} & -133 & \\ +19 & \times & -7 \\ & 12 & \end{array}$$

(6) 
$$\begin{array}{ccc} & 30 & \\ +3 & \times & +10 \\ & 13 & \end{array}$$

(7) 
$$\begin{array}{ccc} & -102 & \\ +17 & \times & -6 \\ & 11 & \end{array}$$

(8) 
$$\begin{array}{ccc} & -96 & \\ +8 & \times & -12 \\ & -4 & \end{array}$$

(9) 
$$\begin{array}{ccc} & -119 & \\ -7 & \times & +17 \\ & 10 & \end{array}$$

(10) 
$$\begin{array}{ccc} & -80 & \\ -10 & \times & +8 \\ & -2 & \end{array}$$

(11) 
$$\begin{array}{ccc} & -256 & \\ -16 & \times & +16 \\ & 0 & \end{array}$$

(12) 
$$\begin{array}{ccc} & -160 & \\ -10 & \times & +16 \\ & 6 & \end{array}$$

(13) 
$$\begin{array}{ccc} & 68 & \\ +4 & \times & +17 \\ & 21 & \end{array}$$

(14) 
$$\begin{array}{ccc} & 152 & \\ +19 & \times & +8 \\ & 27 & \end{array}$$

(15) 
$$\begin{array}{ccc} & -44 & \\ -4 & \times & +11 \\ & 7 & \end{array}$$

(16) 
$$\begin{array}{ccc} & 120 & \\ +12 & \times & +10 \\ & 22 & \end{array}$$

(17) 
$$\begin{array}{ccc} & 126 & \\ +7 & \times & +18 \\ & 25 & \end{array}$$

(18) 
$$\begin{array}{ccc} & -180 & \\ +20 & \times & -9 \\ & 11 & \end{array}$$

(19) 
$$\begin{array}{ccc} & 91 & \\ +7 & \times & +13 \\ & 20 & \end{array}$$

(20) 
$$\begin{array}{ccc} & -216 & \\ +18 & \times & -12 \\ & 6 & \end{array}$$

(21) 
$$\begin{array}{ccc} & -136 & \\ +17 & \times & -8 \\ & 9 & \end{array}$$

(22) 
$$\begin{array}{ccc} & -63 & \\ -7 & \times & +9 \\ & 2 & \end{array}$$

(23) 
$$\begin{array}{ccc} & 105 & \\ +7 & \times & +15 \\ & 22 & \end{array}$$

(24) 
$$\begin{array}{ccc} & 15 & \\ +1 & \times & +15 \\ & 16 & \end{array}$$

(25) 
$$\begin{array}{ccc} & -104 & \\ -13 & \times & +8 \\ & -5 & \end{array}$$

(26) 
$$\begin{array}{ccc} & 84 & \\ +7 & \times & +12 \\ & 19 & \end{array}$$

(27) 
$$\begin{array}{ccc} & -98 & \\ -14 & \times & +7 \\ & -7 & \end{array}$$

(28) 
$$\begin{array}{ccc} & -48 & \\ -6 & \times & +8 \\ & 2 & \end{array}$$



# Diamond Math Problems

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



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)  $\begin{array}{c} \diagup \quad \diagdown \\ +7 \quad -9 \\ \diagdown \quad \diagup \end{array}$

(2)  $\begin{array}{c} \diagup \quad \diagdown \\ -2 \quad +20 \\ \diagdown \quad \diagup \end{array}$

(3)  $\begin{array}{c} \diagup \quad \diagdown \\ -8 \quad +20 \\ \diagdown \quad \diagup \end{array}$

(4)  $\begin{array}{c} \diagup \quad \diagdown \\ -20 \quad +8 \\ \diagdown \quad \diagup \end{array}$

(5)  $\begin{array}{c} \diagup \quad \diagdown \\ +14 \quad -4 \\ \diagdown \quad \diagup \end{array}$

(6)  $\begin{array}{c} \diagup \quad \diagdown \\ +5 \quad -3 \\ \diagdown \quad \diagup \end{array}$

(7)  $\begin{array}{c} \diagup \quad \diagdown \\ +8 \quad +14 \\ \diagdown \quad \diagup \end{array}$

(8)  $\begin{array}{c} \diagup \quad \diagdown \\ +10 \quad -6 \\ \diagdown \quad \diagup \end{array}$

(9)  $\begin{array}{c} \diagup \quad \diagdown \\ +4 \quad +19 \\ \diagdown \quad \diagup \end{array}$

(10)  $\begin{array}{c} \diagup \quad \diagdown \\ +9 \quad +16 \\ \diagdown \quad \diagup \end{array}$

(11)  $\begin{array}{c} \diagup \quad \diagdown \\ +6 \quad -8 \\ \diagdown \quad \diagup \end{array}$

(12)  $\begin{array}{c} \diagup \quad \diagdown \\ -64 \\ -4 \\ \diagdown \quad \diagup \end{array}$

(13)  $\begin{array}{c} \diagup \quad \diagdown \\ -56 \\ -7 \\ \diagdown \quad \diagup \end{array}$

(14)  $\begin{array}{c} \diagup \quad \diagdown \\ -68 \\ -17 \\ \diagdown \quad \diagup \end{array}$

(15)  $\begin{array}{c} \diagup \quad \diagdown \\ -17 \\ 0 \\ \diagdown \quad \diagup \end{array}$

(16)  $\begin{array}{c} \diagup \quad \diagdown \\ -104 \\ -8 \\ \diagdown \quad \diagup \end{array}$

(17)  $\begin{array}{c} \diagup \quad \diagdown \\ -96 \\ +6 \\ \diagdown \quad \diagup \end{array}$

(18)  $\begin{array}{c} \diagup \quad \diagdown \\ -78 \\ +6 \\ \diagdown \quad \diagup \end{array}$

(19)  $\begin{array}{c} \diagup \quad \diagdown \\ 120 \\ +10 \\ \diagdown \quad \diagup \end{array}$

(20)  $\begin{array}{c} \diagup \quad \diagdown \\ -380 \\ 1 \\ \diagdown \quad \diagup \end{array}$

(21)  $\begin{array}{c} \diagup \quad \diagdown \\ -180 \\ -8 \\ \diagdown \quad \diagup \end{array}$

(22)  $\begin{array}{c} \diagup \quad \diagdown \\ -182 \\ 1 \\ \diagdown \quad \diagup \end{array}$

(23)  $\begin{array}{c} \diagup \quad \diagdown \\ 160 \\ 26 \\ \diagdown \quad \diagup \end{array}$

(24)  $\begin{array}{c} \diagup \quad \diagdown \\ -324 \\ 0 \\ \diagdown \quad \diagup \end{array}$

(25)  $\begin{array}{c} \diagup \quad \diagdown \\ 51 \\ 20 \\ \diagdown \quad \diagup \end{array}$

(26)  $\begin{array}{c} \diagup \quad \diagdown \\ -24 \\ 5 \\ \diagdown \quad \diagup \end{array}$

(27)  $\begin{array}{c} \diagup \quad \diagdown \\ -25 \\ 0 \\ \diagdown \quad \diagup \end{array}$

(28)  $\begin{array}{c} \diagup \quad \diagdown \\ 34 \\ 19 \\ \diagdown \quad \diagup \end{array}$

# Diamond Math Problems

## ANSWER KEY



Complete the diamond problems. The top cell contains the *product* of the numbers in the left and right cells, while the bottom cell contains the *sum*.

(1)  $\begin{array}{ccc} & -63 & \\ +7 & \times & -9 \\ & -2 & \end{array}$

(2)  $\begin{array}{ccc} & -40 & \\ -2 & \times & +20 \\ & 18 & \end{array}$

(3)  $\begin{array}{ccc} & -160 & \\ -8 & \times & +20 \\ & 12 & \end{array}$

(4)  $\begin{array}{ccc} & -160 & \\ -20 & \times & +8 \\ & -12 & \end{array}$

(5)  $\begin{array}{ccc} & -56 & \\ +14 & \times & -4 \\ & 10 & \end{array}$

(6)  $\begin{array}{ccc} & -15 & \\ +5 & \times & -3 \\ & 2 & \end{array}$

(7)  $\begin{array}{ccc} & 112 & \\ +8 & \times & +14 \\ & 22 & \end{array}$

(8)  $\begin{array}{ccc} & -60 & \\ +10 & \times & -6 \\ & 4 & \end{array}$

(9)  $\begin{array}{ccc} & 76 & \\ +4 & \times & +19 \\ & 23 & \end{array}$

(10)  $\begin{array}{ccc} & 144 & \\ +9 & \times & +16 \\ & 25 & \end{array}$

(11)  $\begin{array}{ccc} & -48 & \\ +6 & \times & -8 \\ & -2 & \end{array}$

(12)  $\begin{array}{ccc} & -64 & \\ -4 & \times & +16 \\ & 12 & \end{array}$

(13)  $\begin{array}{ccc} & -56 & \\ -7 & \times & +8 \\ & 1 & \end{array}$

(14)  $\begin{array}{ccc} & -68 & \\ +4 & \times & -17 \\ & -13 & \end{array}$

(15)  $\begin{array}{ccc} & -289 & \\ +17 & \times & -17 \\ & 0 & \end{array}$

(16)  $\begin{array}{ccc} & -104 & \\ +13 & \times & -8 \\ & 5 & \end{array}$

(17)  $\begin{array}{ccc} & -96 & \\ +6 & \times & -16 \\ & -10 & \end{array}$

(18)  $\begin{array}{ccc} & -78 & \\ -13 & \times & +6 \\ & -7 & \end{array}$

(19)  $\begin{array}{ccc} & 120 & \\ +12 & \times & +10 \\ & 22 & \end{array}$

(20)  $\begin{array}{ccc} & -380 & \\ +20 & \times & -19 \\ & 1 & \end{array}$

(21)  $\begin{array}{ccc} & -180 & \\ +10 & \times & -18 \\ & -8 & \end{array}$

(22)  $\begin{array}{ccc} & -182 & \\ +14 & \times & -13 \\ & 1 & \end{array}$

(23)  $\begin{array}{ccc} & 160 & \\ +10 & \times & +16 \\ & 26 & \end{array}$

(24)  $\begin{array}{ccc} & -324 & \\ +18 & \times & -18 \\ & 0 & \end{array}$

(25)  $\begin{array}{ccc} & 51 & \\ +17 & \times & +3 \\ & 20 & \end{array}$

(26)  $\begin{array}{ccc} & -24 & \\ -3 & \times & +8 \\ & 5 & \end{array}$

(27)  $\begin{array}{ccc} & -25 & \\ +5 & \times & -5 \\ & 0 & \end{array}$

(28)  $\begin{array}{ccc} & 34 & \\ +17 & \times & +2 \\ & 19 & \end{array}$