

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)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -5 \\ \diagdown \quad \diagup \\ \quad 1 \end{array}$$

(2)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -12 \\ \diagdown \quad \diagup \\ \quad +6 \end{array}$$

(3)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -11 \\ \diagdown \quad \diagup \\ \quad -7 \end{array}$$

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

(5)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 20 \\ \diagdown \quad \diagup \\ \quad +4 \end{array}$$

(6)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 8 \\ \diagdown \quad \diagup \\ \quad +4 \end{array}$$

(7)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -18 \\ \diagdown \quad \diagup \\ \quad -2 \end{array}$$

(8)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -1 \\ \diagdown \quad \diagup \\ \quad 4 \end{array}$$

(9)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -1 \\ \diagdown \quad \diagup \\ \quad 8 \end{array}$$

(10)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad +2 \\ \diagdown \quad \diagup \\ \quad 7 \end{array}$$

(11)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad +11 \\ \diagdown \quad \diagup \\ \quad 3 \end{array}$$

(12)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 28 \\ \diagdown \quad \diagup \\ \quad +4 \end{array}$$

(13)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -7 \\ \diagdown \quad \diagup \\ \quad 5 \end{array}$$

(14)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -9 \\ \diagdown \quad \diagup \\ \quad -2 \end{array}$$

(15)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -45 \\ \diagdown \quad \diagup \\ \quad -5 \end{array}$$

(16)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad +11 \\ \diagdown \quad \diagup \\ \quad 20 \end{array}$$

(17)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad +12 \\ \diagdown \quad \diagup \\ \quad 6 \end{array}$$

(18)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -48 \\ \diagdown \quad \diagup \\ \quad -12 \end{array}$$

(19)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -15 \\ \diagdown \quad \diagup \\ \quad -3 \end{array}$$

(20)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -11 \\ \diagdown \quad \diagup \\ \quad +11 \end{array}$$

(21)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad +4 \\ \diagdown \quad \diagup \\ \quad 2 \end{array}$$

(22)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad +6 \\ \diagdown \quad \diagup \\ \quad 3 \end{array}$$

(23)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -144 \\ \diagdown \quad \diagup \\ \quad +12 \end{array}$$

(24)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -54 \\ \diagdown \quad \diagup \\ \quad +9 \end{array}$$

(25)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 14 \\ \diagdown \quad \diagup \\ \quad +2 \end{array}$$

(26)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad -108 \\ \diagdown \quad \diagup \\ \quad -9 \end{array}$$

(27)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 18 \\ \diagdown \quad \diagup \\ \quad +9 \end{array}$$

(28)
$$\begin{array}{c} \diagup \quad \diagdown \\ \quad 120 \\ \diagdown \quad \diagup \\ \quad +12 \end{array}$$

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)
$$\begin{array}{ccc} & -30 & \\ +6 & \times & -5 \\ & 1 & \end{array}$$

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

(3)
$$\begin{array}{ccc} & -44 & \\ -11 & \times & +4 \\ & -7 & \end{array}$$

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

(5)
$$\begin{array}{ccc} & 20 & \\ +5 & \times & +4 \\ & 9 & \end{array}$$

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

(7)
$$\begin{array}{ccc} & -18 & \\ +9 & \times & -2 \\ & 7 & \end{array}$$

(8)
$$\begin{array}{ccc} & -5 & \\ +5 & \times & -1 \\ & 4 & \end{array}$$

(9)
$$\begin{array}{ccc} & -9 & \\ -1 & \times & +9 \\ & 8 & \end{array}$$

(10)
$$\begin{array}{ccc} & 10 & \\ +2 & \times & +5 \\ & 7 & \end{array}$$

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

(12)
$$\begin{array}{ccc} & 28 & \\ +4 & \times & +7 \\ & 11 & \end{array}$$

(13)
$$\begin{array}{ccc} & -84 & \\ +12 & \times & -7 \\ & 5 & \end{array}$$

(14)
$$\begin{array}{ccc} & -63 & \\ -9 & \times & +7 \\ & -2 & \end{array}$$

(15)
$$\begin{array}{ccc} & -45 & \\ -5 & \times & +9 \\ & 4 & \end{array}$$

(16)
$$\begin{array}{ccc} & 99 & \\ +9 & \times & +11 \\ & 20 & \end{array}$$

(17)
$$\begin{array}{ccc} & -72 & \\ -6 & \times & +12 \\ & 6 & \end{array}$$

(18)
$$\begin{array}{ccc} & -48 & \\ +4 & \times & -12 \\ & -8 & \end{array}$$

(19)
$$\begin{array}{ccc} & -15 & \\ +5 & \times & -3 \\ & 2 & \end{array}$$

(20)
$$\begin{array}{ccc} & -11 & \\ -1 & \times & +11 \\ & 10 & \end{array}$$

(21)
$$\begin{array}{ccc} & -8 & \\ +4 & \times & -2 \\ & 2 & \end{array}$$

(22)
$$\begin{array}{ccc} & -18 & \\ -3 & \times & +6 \\ & 3 & \end{array}$$

(23)
$$\begin{array}{ccc} & -144 & \\ -12 & \times & +12 \\ & 0 & \end{array}$$

(24)
$$\begin{array}{ccc} & -54 & \\ -6 & \times & +9 \\ & 3 & \end{array}$$

(25)
$$\begin{array}{ccc} & 14 & \\ +2 & \times & +7 \\ & 9 & \end{array}$$

(26)
$$\begin{array}{ccc} & -108 & \\ -9 & \times & +12 \\ & 3 & \end{array}$$

(27)
$$\begin{array}{ccc} & 18 & \\ +2 & \times & +9 \\ & 11 & \end{array}$$

(28)
$$\begin{array}{ccc} & 120 & \\ +12 & \times & +10 \\ & 22 & \end{array}$$