

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) $\begin{array}{ccc} & \diagup & \\ +1 & \times & +8 \\ & \diagdown & \end{array}$

(2) $\begin{array}{ccc} & \diagup & \\ +12 & \times & +10 \\ & \diagdown & \end{array}$

(3) $\begin{array}{ccc} & \diagup & \\ -11 & \times & +5 \\ & \diagdown & \end{array}$

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

(5) $\begin{array}{ccc} & \diagup & \\ +11 & \times & +3 \\ & \diagdown & \end{array}$

(6) $\begin{array}{ccc} & \diagup & \\ +5 & \times & +3 \\ & \diagdown & \end{array}$

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

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

(9) $\begin{array}{ccc} & \diagup & \\ -9 & \times & +11 \\ & \diagdown & \end{array}$

(10) $\begin{array}{ccc} & \diagup & \\ +11 & \times & \\ & \diagdown & 2 \end{array}$

(11) $\begin{array}{ccc} & \diagup & \\ & \times & -9 \\ & \diagdown & -1 \end{array}$

(12) $\begin{array}{ccc} & \diagup & \\ & \times & -4 \\ & \diagdown & 7 \end{array}$

(13) $\begin{array}{ccc} & \diagup & \\ -7 & \times & \\ & \diagdown & 4 \end{array}$

(14) $\begin{array}{ccc} & \diagup & \\ -120 & \times & +10 \\ & \diagdown & \end{array}$

(15) $\begin{array}{ccc} & \diagup & \\ -11 & \times & \\ & \diagdown & -3 \end{array}$

(16) $\begin{array}{ccc} & \diagup & \\ 12 & \times & +6 \\ & \diagdown & \end{array}$

(17) $\begin{array}{ccc} & \diagup & \\ & \times & +12 \\ & \diagdown & 11 \end{array}$

(18) $\begin{array}{ccc} & \diagup & \\ -24 & \times & \\ -6 & \times & \\ & \diagdown & \end{array}$

(19) $\begin{array}{ccc} & \diagup & \\ 42 & \times & \\ & \diagdown & 13 \end{array}$

(20) $\begin{array}{ccc} & \diagup & \\ -14 & \times & \\ & \diagdown & 5 \end{array}$

(21) $\begin{array}{ccc} & \diagup & \\ 9 & \times & \\ & \diagdown & 10 \end{array}$

(22) $\begin{array}{ccc} & \diagup & \\ -144 & \times & \\ & \diagdown & 0 \end{array}$

(23) $\begin{array}{ccc} & \diagup & \\ 12 & \times & \\ & \diagdown & 7 \end{array}$

(24) $\begin{array}{ccc} & \diagup & \\ -16 & \times & \\ & \diagdown & 6 \end{array}$

(25) $\begin{array}{ccc} & \diagup & \\ 24 & \times & \\ & \diagdown & 10 \end{array}$

(26) $\begin{array}{ccc} & \diagup & \\ -40 & \times & \\ & \diagdown & -6 \end{array}$

(27) $\begin{array}{ccc} & \diagup & \\ -96 & \times & \\ & \diagdown & -4 \end{array}$

(28) $\begin{array}{ccc} & \diagup & \\ 30 & \times & \\ & \diagdown & 13 \end{array}$

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

(2)
$$\begin{array}{ccc} & 120 & \\ +12 & \times & +10 \\ & 22 & \end{array}$$

(3)
$$\begin{array}{ccc} & -55 & \\ -11 & \times & +5 \\ & -6 & \end{array}$$

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

(5)
$$\begin{array}{ccc} & 33 & \\ +11 & \times & +3 \\ & 14 & \end{array}$$

(6)
$$\begin{array}{ccc} & 15 & \\ +5 & \times & +3 \\ & 8 & \end{array}$$

(7)
$$\begin{array}{ccc} & -45 & \\ -9 & \times & +5 \\ & -4 & \end{array}$$

(8)
$$\begin{array}{ccc} & -32 & \\ -4 & \times & +8 \\ & 4 & \end{array}$$

(9)
$$\begin{array}{ccc} & -99 & \\ -9 & \times & +11 \\ & 2 & \end{array}$$

(10)
$$\begin{array}{ccc} & -99 & \\ +11 & \times & -9 \\ & 2 & \end{array}$$

(11)
$$\begin{array}{ccc} & -72 & \\ +8 & \times & -9 \\ & -1 & \end{array}$$

(12)
$$\begin{array}{ccc} & -44 & \\ +11 & \times & -4 \\ & 7 & \end{array}$$

(13)
$$\begin{array}{ccc} & -77 & \\ -7 & \times & +11 \\ & 4 & \end{array}$$

(14)
$$\begin{array}{ccc} & -120 & \\ -12 & \times & +10 \\ & -2 & \end{array}$$

(15)
$$\begin{array}{ccc} & -88 & \\ -11 & \times & +8 \\ & -3 & \end{array}$$

(16)
$$\begin{array}{ccc} & 12 & \\ +2 & \times & +6 \\ & 8 & \end{array}$$

(17)
$$\begin{array}{ccc} & -12 & \\ -1 & \times & +12 \\ & 11 & \end{array}$$

(18)
$$\begin{array}{ccc} & -24 & \\ -6 & \times & +4 \\ & -2 & \end{array}$$

(19)
$$\begin{array}{ccc} & 42 & \\ +7 & \times & +6 \\ & 13 & \end{array}$$

(20)
$$\begin{array}{ccc} & -14 & \\ +7 & \times & -2 \\ & 5 & \end{array}$$

(21)
$$\begin{array}{ccc} & 9 & \\ +1 & \times & +9 \\ & 10 & \end{array}$$

(22)
$$\begin{array}{ccc} & -144 & \\ +12 & \times & -12 \\ & 0 & \end{array}$$

(23)
$$\begin{array}{ccc} & 12 & \\ +4 & \times & +3 \\ & 7 & \end{array}$$

(24)
$$\begin{array}{ccc} & -16 & \\ -2 & \times & +8 \\ & 6 & \end{array}$$

(25)
$$\begin{array}{ccc} & 24 & \\ +4 & \times & +6 \\ & 10 & \end{array}$$

(26)
$$\begin{array}{ccc} & -40 & \\ -10 & \times & +4 \\ & -6 & \end{array}$$

(27)
$$\begin{array}{ccc} & -96 & \\ +8 & \times & -12 \\ & -4 & \end{array}$$

(28)
$$\begin{array}{ccc} & 30 & \\ +10 & \times & +3 \\ & 13 & \end{array}$$