

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) $\begin{array}{c} -240 \\ \diagup \quad \diagdown \\ 1 \end{array}$

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

(3) $\begin{array}{c} -72 \\ \diagup \quad \diagdown \\ -1 \end{array}$

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

(5) $\begin{array}{c} 24 \\ \diagup \quad \diagdown \\ 14 \end{array}$

(6) $\begin{array}{c} -99 \\ \diagup \quad \diagdown \\ -2 \end{array}$

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

(8) $\begin{array}{c} 60 \\ \diagup \quad \diagdown \\ 19 \end{array}$

(9) $\begin{array}{c} -30 \\ \diagup \quad \diagdown \\ 13 \end{array}$

(10) $\begin{array}{c} 5 \\ \diagup \quad \diagdown \\ 6 \end{array}$

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

(12) $\begin{array}{c} -144 \\ \diagup \quad \diagdown \\ 7 \end{array}$

(13) $\begin{array}{c} 136 \\ \diagup \quad \diagdown \\ 25 \end{array}$

(14) $\begin{array}{c} -18 \\ \diagup \quad \diagdown \\ 17 \end{array}$

(15) $\begin{array}{c} 20 \\ \diagup \quad \diagdown \\ 12 \end{array}$

(16) $\begin{array}{c} -33 \\ \diagup \quad \diagdown \\ 8 \end{array}$

(17) $\begin{array}{c} -15 \\ \diagup \quad \diagdown \\ 14 \end{array}$

(18) $\begin{array}{c} -56 \\ \diagup \quad \diagdown \\ 1 \end{array}$

(19) $\begin{array}{c} -95 \\ \diagup \quad \diagdown \\ -14 \end{array}$

(20) $\begin{array}{c} 14 \\ \diagup \quad \diagdown \\ 15 \end{array}$

(21) $\begin{array}{c} -84 \\ \diagup \quad \diagdown \\ 5 \end{array}$

(22) $\begin{array}{c} -110 \\ \diagup \quad \diagdown \\ 1 \end{array}$

(23) $\begin{array}{c} -90 \\ \diagup \quad \diagdown \\ 1 \end{array}$

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

(25) $\begin{array}{c} -32 \\ \diagup \quad \diagdown \\ 4 \end{array}$

(26) $\begin{array}{c} 48 \\ \diagup \quad \diagdown \\ 16 \end{array}$

(27) $\begin{array}{c} 96 \\ \diagup \quad \diagdown \\ 20 \end{array}$

(28) $\begin{array}{c} -192 \\ \diagup \quad \diagdown \\ -4 \end{array}$

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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) $\begin{array}{c} \diagup \quad 80 \quad \diagdown \\ \diagdown \quad 21 \quad \diagup \end{array}$

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

(3) $\begin{array}{c} \diagup \quad -76 \quad \diagdown \\ \diagdown \quad -15 \quad \diagup \end{array}$

(4) $\begin{array}{c} \diagup \quad -88 \quad \diagdown \\ \diagdown \quad -3 \quad \diagup \end{array}$

(5) $\begin{array}{c} \diagup \quad -288 \quad \diagdown \\ \diagdown \quad 2 \quad \diagup \end{array}$

(6) $\begin{array}{c} \diagup \quad -165 \quad \diagdown \\ \diagdown \quad -4 \quad \diagup \end{array}$

(7) $\begin{array}{c} \diagup \quad -100 \quad \diagdown \\ \diagdown \quad 15 \quad \diagup \end{array}$

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

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

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

(11) $\begin{array}{c} \diagup \quad -26 \quad \diagdown \\ \diagdown \quad 11 \quad \diagup \end{array}$

(12) $\begin{array}{c} \diagup \quad -42 \quad \diagdown \\ \diagdown \quad -1 \quad \diagup \end{array}$

(13) $\begin{array}{c} \diagup \quad 40 \quad \diagdown \\ \diagdown \quad 22 \quad \diagup \end{array}$

(14) $\begin{array}{c} \diagup \quad 104 \quad \diagdown \\ \diagdown \quad 21 \quad \diagup \end{array}$

(15) $\begin{array}{c} \diagup \quad -54 \quad \diagdown \\ \diagdown \quad 15 \quad \diagup \end{array}$

(16) $\begin{array}{c} \diagup \quad -52 \quad \diagdown \\ \diagdown \quad -9 \quad \diagup \end{array}$

(17) $\begin{array}{c} \diagup \quad -144 \quad \diagdown \\ \diagdown \quad 7 \quad \diagup \end{array}$

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

(19) $\begin{array}{c} \diagup \quad -195 \quad \diagdown \\ \diagdown \quad -2 \quad \diagup \end{array}$

(20) $\begin{array}{c} \diagup \quad -126 \quad \diagdown \\ \diagdown \quad -5 \quad \diagup \end{array}$

(21) $\begin{array}{c} \diagup \quad -112 \quad \diagdown \\ \diagdown \quad -9 \quad \diagup \end{array}$

(22) $\begin{array}{c} \diagup \quad 102 \quad \diagdown \\ \diagdown \quad 23 \quad \diagup \end{array}$

(23) $\begin{array}{c} \diagup \quad -18 \quad \diagdown \\ \diagdown \quad 17 \quad \diagup \end{array}$

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

(25) $\begin{array}{c} \diagup \quad -40 \quad \diagdown \\ \diagdown \quad 6 \quad \diagup \end{array}$

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

(27) $\begin{array}{c} \diagup \quad -112 \quad \diagdown \\ \diagdown \quad 6 \quad \diagup \end{array}$

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