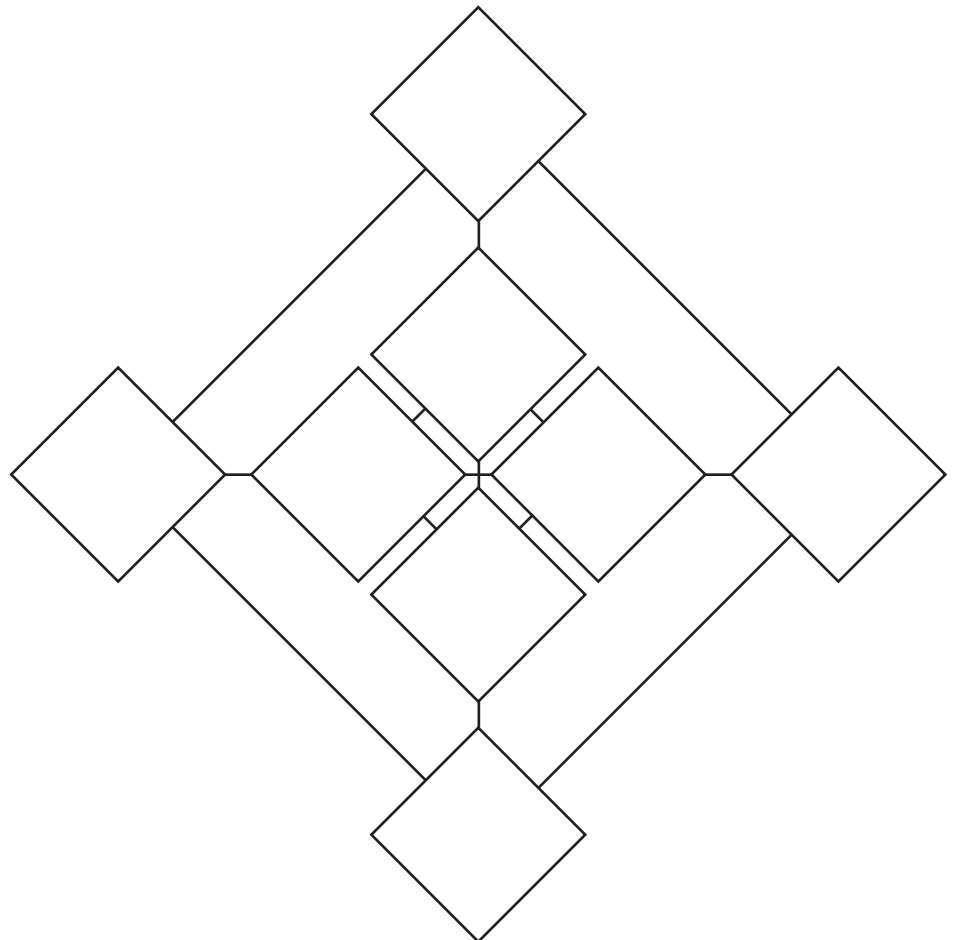


Total 20

Place the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9 on to the rhombus so that if you add the numbers:

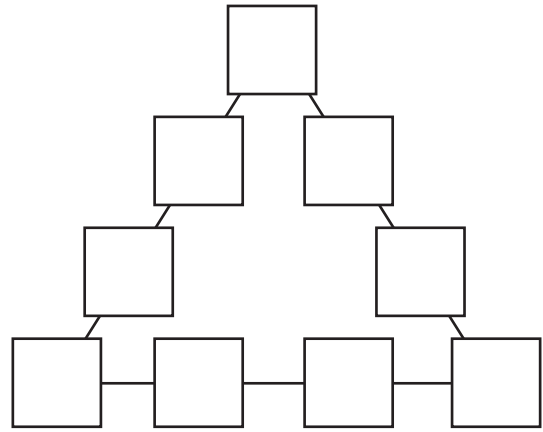
- around the outside
- around the inside
- along the horizontal line
- along the vertical line
- you will get 20 every time



1	2	3	4	5	6	7	8	9
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Magic Triangle

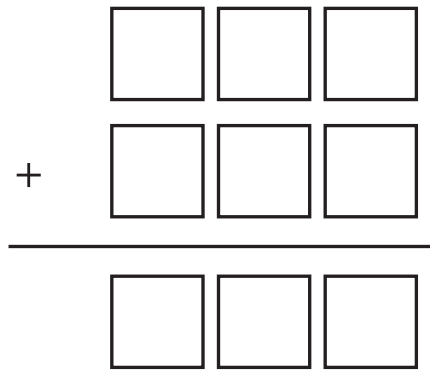
Place the numbers 1, 1, 1, 1, 2, 2, 2, 3, 3 in the nine squares so that the numbers on each side of the triangle will total 8.



1 1 1 1 2 2 2 3 3

Addition Mission

Arrange the numbers 1 to 9 in the spaces to form a correct addition problem.

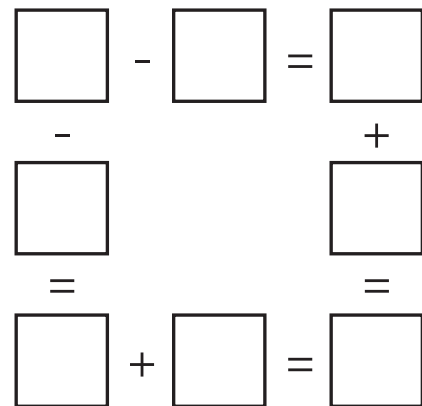


Write down your solution.

1 2 3 4 5 6 7 8 9

Calculation Square

Place the numbers 1 to 8 in the spaces so that each vertical and horizontal set of 3 numbers forms a true equation.

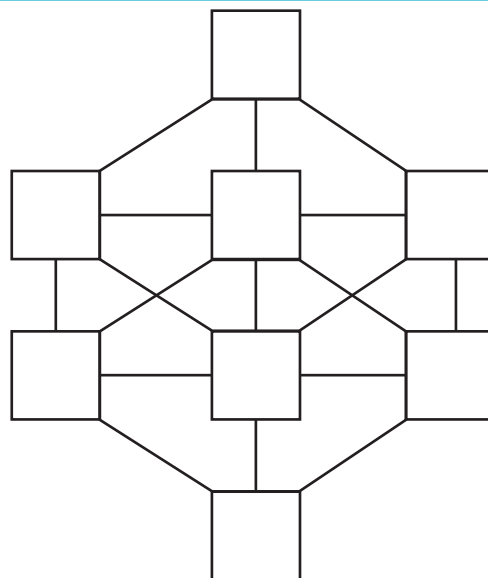


Write down your answer.

1 2 3 4 5 6 7 8

Hexagon Helper

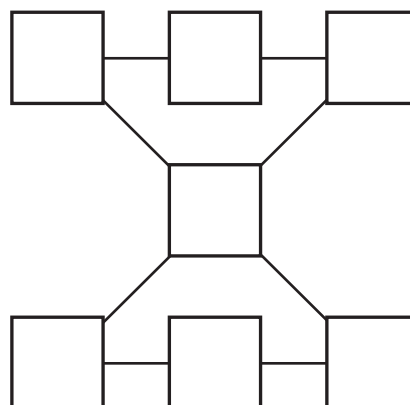
Arrange the counting numbers 1, 2, 3 8 in the squares so that *no two consecutive* numbers are in squares that are directly connected by line segments.



1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

Prime Time

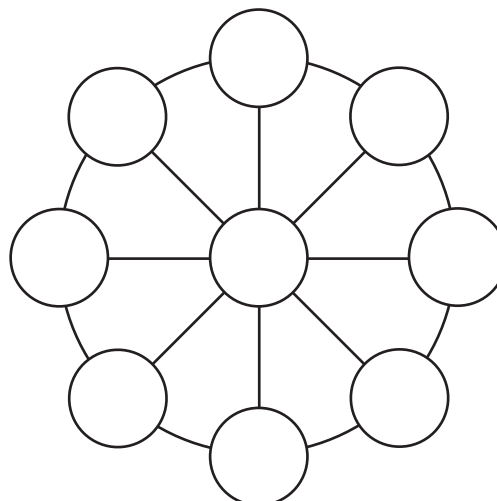
Arrange the seven prime numbers 23, 19, 17, 13, 11, 7 and 5 in the seven squares so that the rows and diagonals add up to the same prime number.



1	5
2	6
3	7
4	

Circumnavigate

Arrange the digits from 1 to 9 in the nine circles so that the sum on each diameter is 15.



1	6
2	7
3	8
4	9
5	

Digi Puzzle

Place the numbers 1 to 9 in the spaces so that each horizontal and vertical set of 3 numbers forms a true equation.

Write down your answer.

$$\square - \square = \square$$

$$\times$$

$$\square$$

$$=$$

$$\square - \square = \square$$

$$+$$

$$\square$$

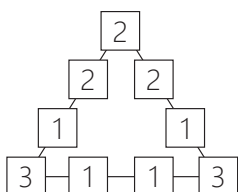
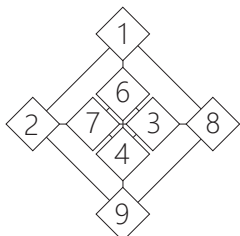
$$=$$

$$\square$$

1 2 3 4 5 6 7 8 9

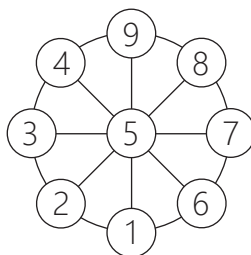
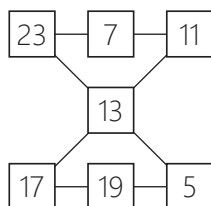
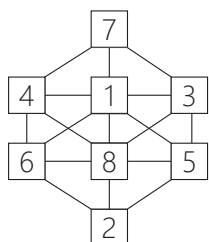
Answers

Note many of the puzzles have more than one solution.



$$\begin{array}{r} 6 \ 2 \ 8 \\ + 3 \ 1 \ 7 \\ \hline 9 \ 4 \ 5 \end{array}$$

$$\begin{array}{r} 9 - 7 = 2 \\ - \quad \quad + \\ 8 \quad \quad 3 \\ = \quad \quad = \\ 1 + 4 = 5 \end{array}$$



$$\begin{array}{r} 9 - 7 = 2 \\ \times \\ 4 \\ = \\ 8 - 3 = 5 \\ + \\ 1 \\ = \\ 6 \end{array}$$

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