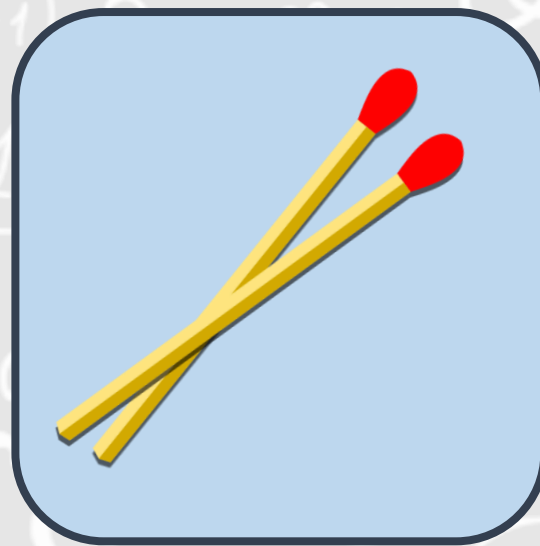
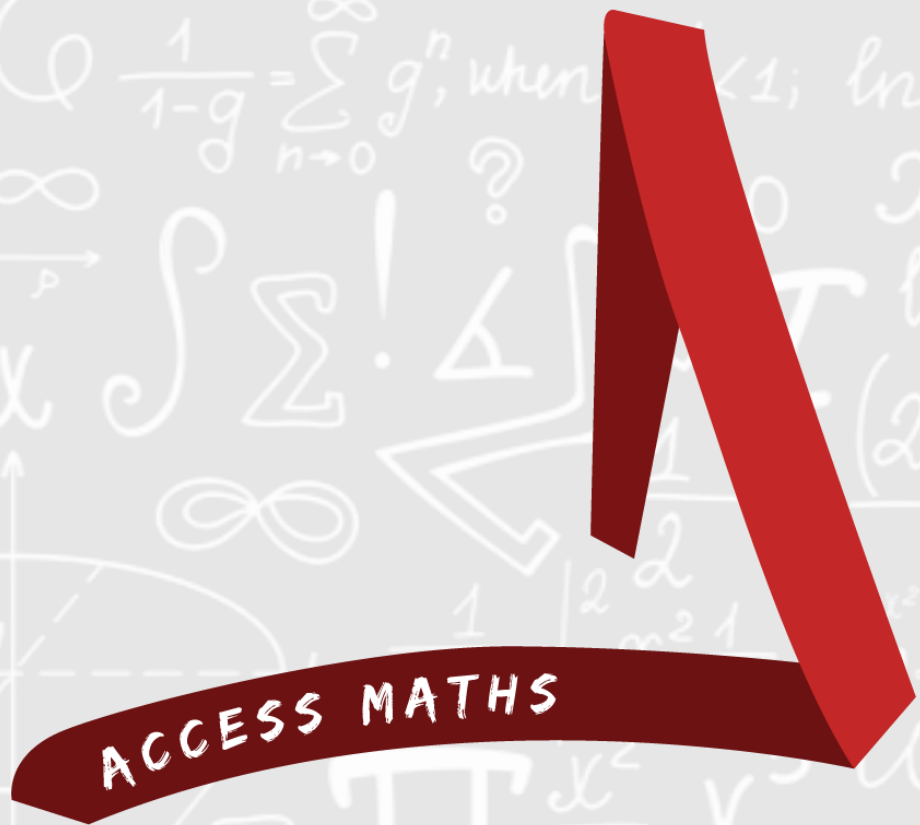


NUMERACY CHALLENGE



LEVEL 1



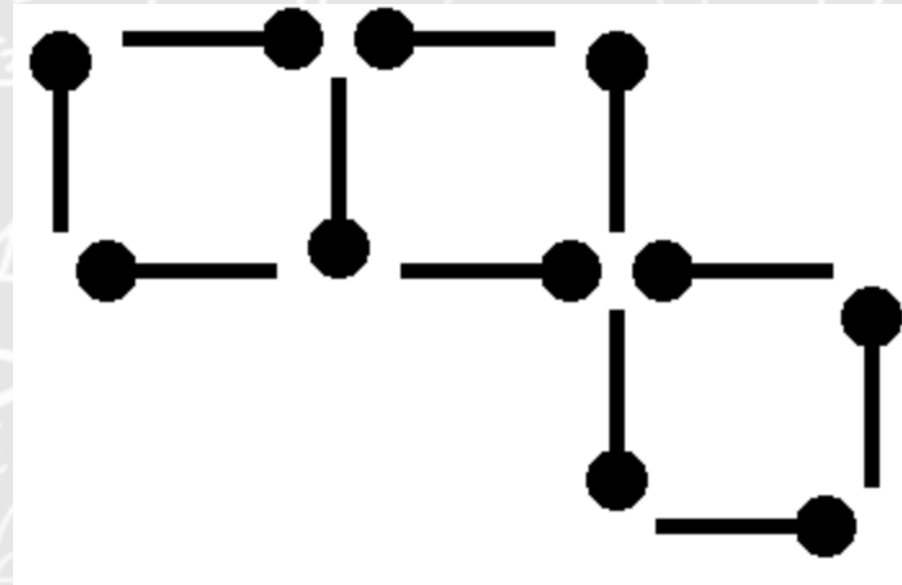
LEVEL 2

NUMERACY CHALLENGE



Patrick Acton of the Matchstick Marvels Museum made this replica of the U.S. Capitol. Half a million matchsticks went into this architectural wonder.

The diagram shows 11 matches that make 3 square. Your challenge is to move 3 matches to show exactly 2 squares.



LEVEL 1

NUMERACY CHALLENGE

Your challenge is to make the target number using all of the given numbers. You may use any mathematical operation.



The word hundred is derived from the West Germanic word "hundrath", which actually means 120 and not 100. You'll probably never need to know this but it's interesting never the less.

140

25

75

7

7

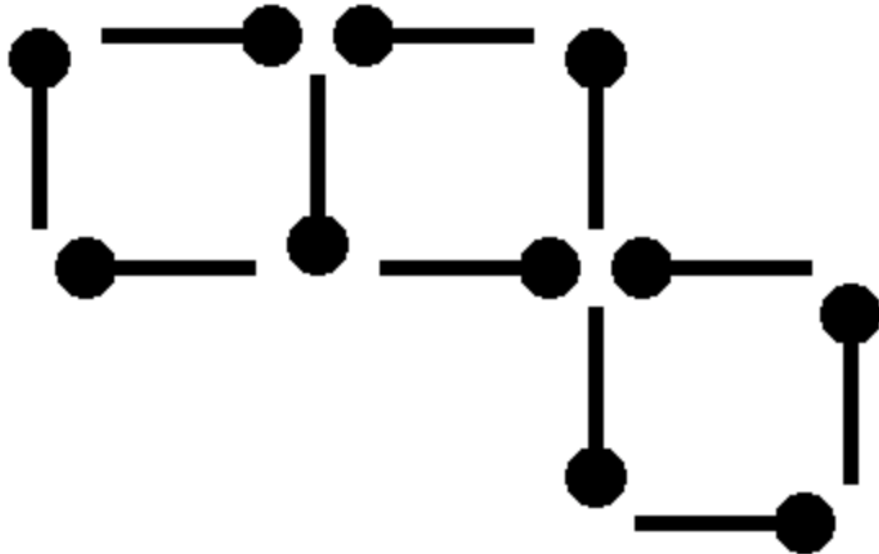
3

5

LEVEL 2

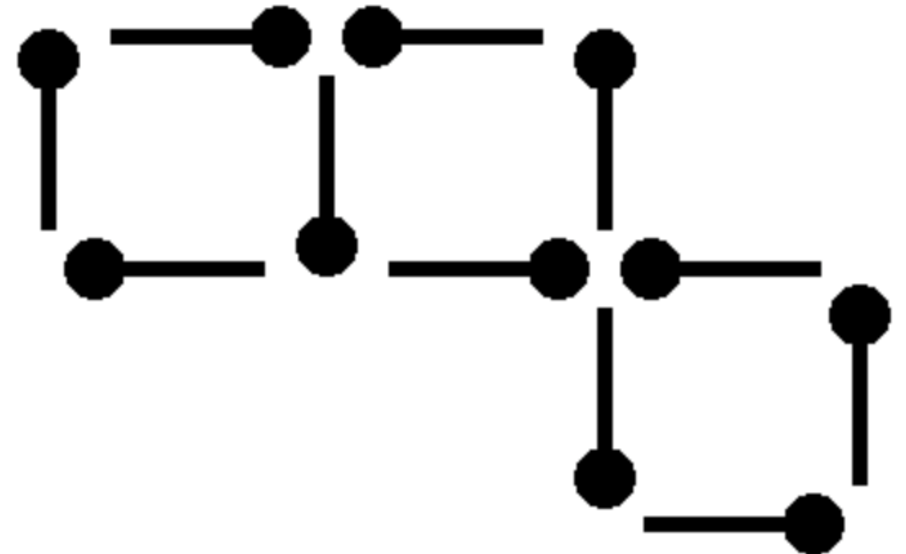
NUMERACY CHALLENGE LEVEL 1

The diagram shows 11 matches that make 3 square. Your challenge is to move 3 matches to show exactly 2 squares.



NUMERACY CHALLENGE LEVEL 1

The diagram shows 11 matches that make 3 square. Your challenge is to move 3 matches to show exactly 2 squares.



NUMERACY CHALLENGE LEVEL 2

Your challenge is to make the target number using all of the given numbers. You may use any mathematical operation.



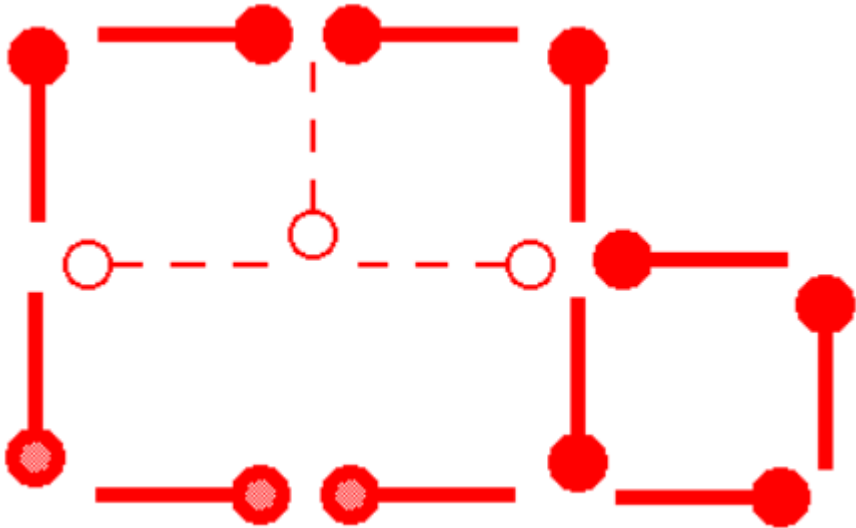
NUMERACY CHALLENGE LEVEL 2

Your challenge is to make the target number using all of the given numbers. You may use any mathematical operation.



LEVEL 1

One solution:



LEVEL 2

One solution:

$$\begin{array}{r} 75 / 25 = 3 \\ \hline \text{X } 7 = 21 \\ \hline + 7 = 28 \\ \hline \text{X } 5 = 140 \\ \hline \end{array}$$