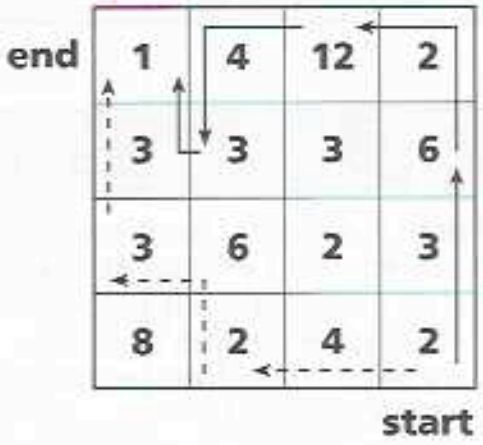
Name: Date: AS

Find the links

A route can be followed through the array of numbers from start to end.
A route, which is made by linking sets of three numbers, does not cross itself.
The link is a multiplication or division but *not* an addition or subtraction.
Look at the example.

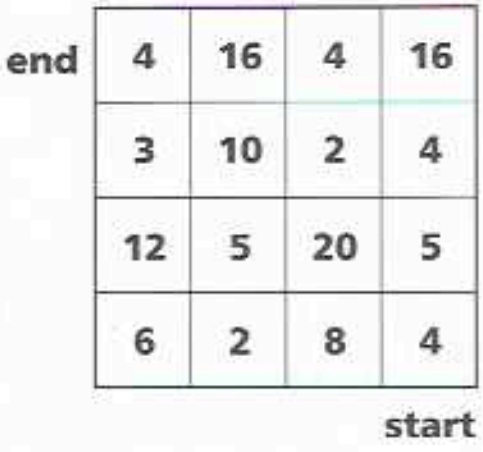


→ This is one route using four links:
2 x 3 = 6; 6 x 2 = 12; 12 ÷ 4 = 3; 3 ÷ 3 = 1

⇢ This is another route using three links:
4 ÷ 2 = 2; 6 ÷ 2 = 3; 3 ÷ 3 = 1

The last number in a link is made by either dividing or multiplying the first two numbers. This last number then becomes one of the first two numbers in the next link.

- Find three routes through this array of numbers. Work out the number links and write each route in the space.

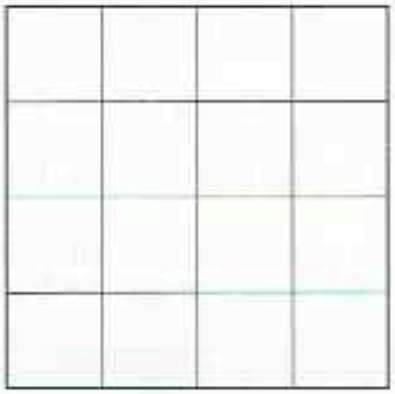


Route 1:

Route 2:

Route 3:

- Design an array of numbers of your own.



- Challenge a friend to find a route through it.