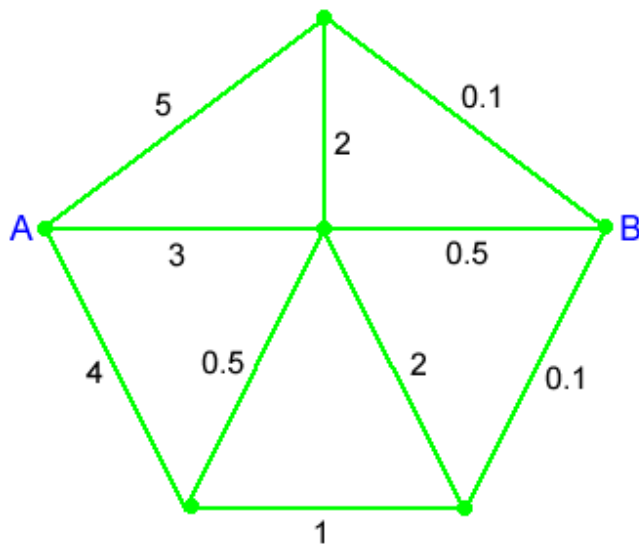


LO: To multiply decimals by an integer.

Route Product Investigation

Look at this diagram. There are lots of different routes to get from A to B. When you travel down a route, you multiply the numbers together to find the product. The only rule is that you are not allowed to travel through the same point more than once between A and B.

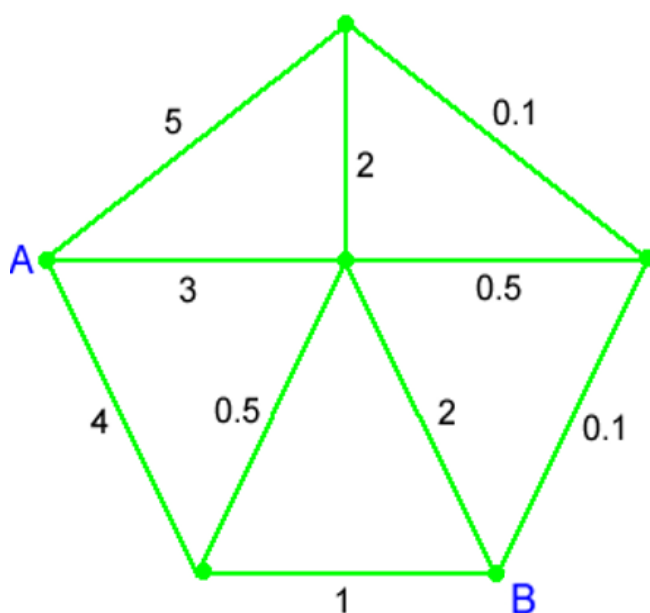


Find all the possible products to enable you to answer these two questions:

Which route or routes gives the largest product?

Which route or routes gives the smallest product?

Extension Task



If B is moved to a new location, does that change the number of possible routes and the largest and smallest products?