**Matrix Multiplication**

Is it possible to multiply the matrices shown?

(a)

(b)

(c)

Work out:

(a)

(b)

(c)

(d)

(e)

(f)

(a) Given that

work out the value of .

(b) Matrix **P** =

Matrix **Q** =

You are given that **PQ** = **QP**. Work out the values of and .

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Is it possible to multiply the matrices shown?

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