

**AQA – Further vectors – A2 Further Mathematics P2**

1. [June/2020/Paper\\_2/No.1](#)

Three of the four expressions below are equivalent to each other.

Which of the four expressions is **not** equivalent to any of the others?

Circle your answer.

[1 mark]

$$\mathbf{a} \times (\mathbf{a} + \mathbf{b})$$

$$(\mathbf{a} + \mathbf{b}) \times \mathbf{b}$$

$$(\mathbf{a} - \mathbf{b}) \times \mathbf{b}$$

$$\mathbf{a} \times (\mathbf{a} - \mathbf{b})$$











(c) Hence find the exact distance of the plane from the origin.

[1 mark]

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