



#05 SA: Ellipse

Total points 5/5 ?



*

1/1

$\frac{x^2}{4} + \frac{y^2}{25} = 1$, the length of the major axis is

4

10

5



2



2/2

In the ellipse $x^2 + 3y^2 = 9$ the distance between the foci is

$$2\sqrt{6}$$

Option 1



$$\sqrt{6}$$

Option 2

3

$$\frac{2}{3}\sqrt{6}$$

Option 4





The equation of the ellipse whose one focus is at (4, 0) and whose eccentricity 4/5 is:

$$\frac{x^2}{3^2} + \frac{y^2}{5^2} = 1$$

Option 1

$$\frac{x^2}{4^2} + \frac{y^2}{5^2} = 1$$

Option 2

$$\frac{x^2}{5^2} + \frac{y^2}{4^2} = 1$$

Option 3

$$\frac{x^2}{5^2} + \frac{y^2}{3^2} = 1$$

Option 4



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