

#07 SA: Hyperbola

Total points 5/5

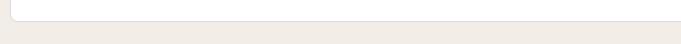




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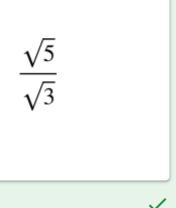
✓ Which of the following is the length of the transverse axis of *

the hyperbola $\frac{y^2}{9} - \frac{x^2}{16} = 1$



✓ Which of the following is the eccentricity of the hyperbola * 2/2

$$2x^2 - 3y^2 = 12$$



Option 1

Option 2

Option 3

Option 4

Which of the following are the coordinates of the foci of the hyperbola *

2/2

$$4x^2 - 9y^2 = 36$$
?

$$\left(\pm\frac{3\sqrt{13}}{2},0\right)$$

Option 1

$$\left(\pm\frac{3\sqrt{5}}{\sqrt{3}},0\right)$$

Option 3

$$(\pm\sqrt{13},0)$$

Option 2

$$\left(\pm\frac{3\sqrt{5}}{\sqrt{2}},0\right)$$

Option 4

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