#06 SA: Ellipse

Total points **5/5** ?
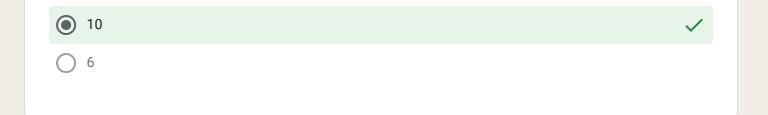
0 of 0 points

Identify the required for the given equation of ellipse — 5 of 5 points
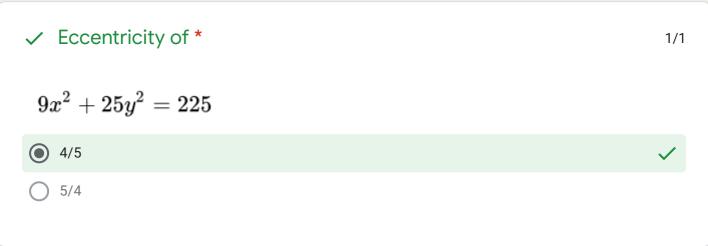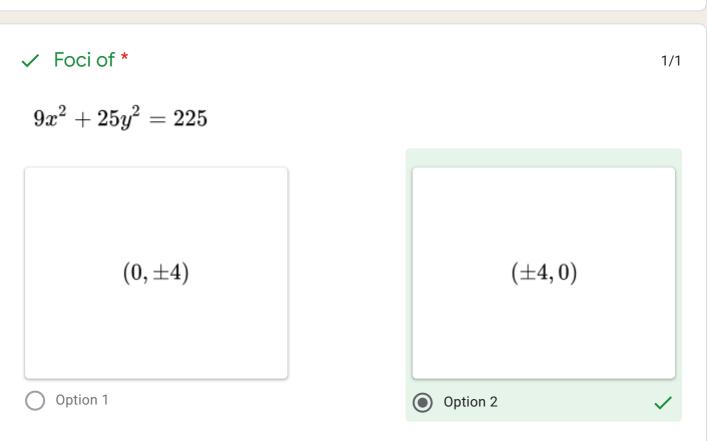
✓ Length of major axis of *   1/1
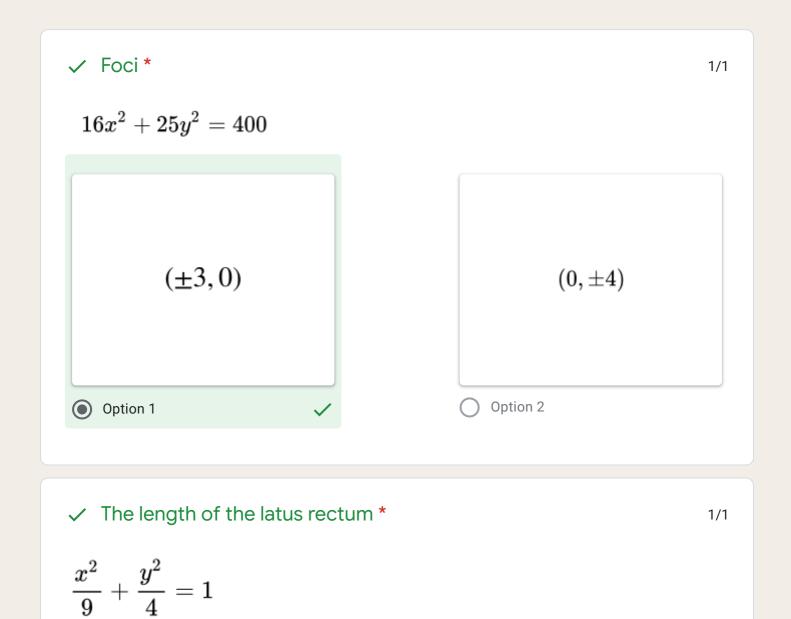
$$9x^2 + 25y^2 = 225$$

○ 25

○ 9

○ 10 ✓

○ 6

✓ Eccentricity of *   1/1

$$9x^2 + 25y^2 = 225$$

◉ 4/5   ✓

○ 5/4

✓ Foci of *   1/1

$$9x^2 + 25y^2 = 225$$

$$(0, \pm 4)$$

$$(\pm 4, 0)$$

○ Option 1   ◉ Option 2   ✓

✓ Foci *   1/1

$$16x^2 + 25y^2 = 400$$

$(\pm 3, 0)$

$(0, \pm 4)$

◉ Option 1   ✓

○ Option 2

✓ The length of the latus rectum *   1/1

$$\frac{x^2}{9} + \frac{y^2}{4} = 1$$

○ 9/2

◉ 8/3   ✓

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