Calculus I	**Name:** _____
DLA Series 3	**Class:** _____
Due Date: _____	**Score:** _____

No Work ⇔ No Points

Use Pencil Only ⇔ Be Neat & Organized

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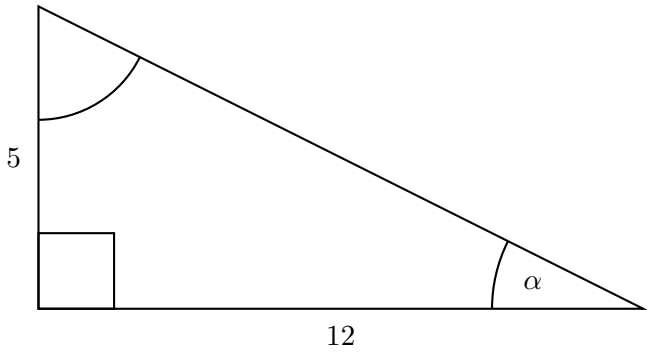
1. (6 points) Find the missing side and then find the value of all six trigonometric function of the indicated angle.



1. _____

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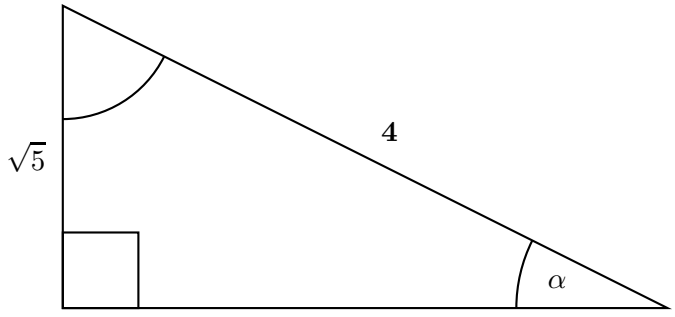
2. (6 points) Find the missing side and then find the value of all six trigonometric function of the indicated angle.



2. _____

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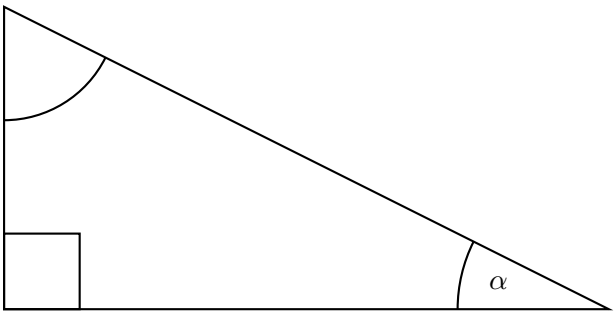
3. (6 points) Given: $\sin\alpha = \dfrac{\sqrt{5}}{3}$**, Use the triangle below, find the missing side and then find the value of all remaining trigonometric function of the indicated angle.**



3. _____

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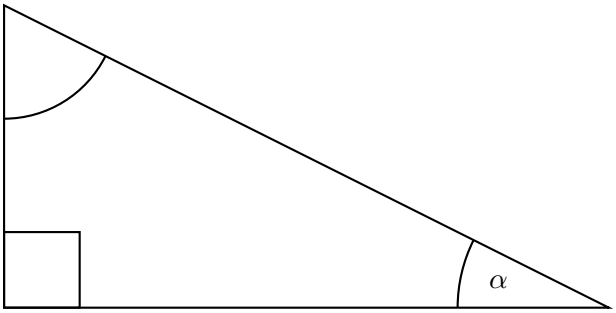
4. (6 points) Given: $\sec\alpha = \sqrt{10}$**, Use the triangle below, find the missing side and then find the value of all remaining trigonometric function of the indicated angle.**



4. _____

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5. Find the distance between the given points

(a) (3 points) $A(6,0)$ **and** $B(0,8)$**.**

(a) _____

(b) (3 points) $A(-2,3)$ **and** $B(4,9)$**.**

(b) _____
