

Calculus I

Name: _____

DLA Series 5

Class: _____

Due Date: _____

Score: _____

No Work $\Leftrightarrow$ No Points

Use Pencil Only $\Leftrightarrow$ Be Neat & Organized

1. (4 points) Rationalize the denominator: $\frac{1}{\sqrt{2} - 1}$

1. _____

2. (4 points) Rationalize the numerator: $\frac{\sqrt{5} + \sqrt{3}}{2}$

2. _____

3. (5 points) Rationalize the denominator: $\frac{\sqrt{6} - \sqrt{3}}{\sqrt{6} + \sqrt{3}}$

3. _____

4. (5 points) Rationalize the numerator: $\frac{\sqrt{6} - \sqrt{3}}{\sqrt{6} + \sqrt{3}}$

4. _____

5. (6 points) Rationalize the denominator: $\frac{8}{\sqrt[3]{6} + \sqrt[3]{2}}$

5. _____

6. (6 points) Rationalize the numerator: $\frac{\sqrt[3]{10} - \sqrt[3]{5}}{5}$

6. _____