

Name \_\_\_\_\_ No Calculators. Present neatly. Score \_\_\_\_\_.

Find the limit.

1)

$$\lim_{h \rightarrow 0} \frac{\sqrt[4]{16+h} - 2}{h}$$

2)

$$\lim_{x \rightarrow 1} \frac{x^{17} - 1}{x - 1}$$

3)

$$\lim_{\theta \rightarrow \pi/3} \frac{\cos \theta - 0.5}{\theta - \pi/3}$$