

2.1-2.3 Review Limits and Continuity
12 Questions

NAME: _____

CLASS: _____

DATE: _____

1. $\lim_{x \rightarrow 1} \frac{x^2 - 1}{x^2 + 1}$ is
(A) 1 (B) 0 (C) -1 (D) -1 (E) ∞

A D

C A

E B

2. $\lim_{x \rightarrow 1} \frac{x^2 - 1}{x^2 + 1}$ is
(A) 0 (B) 1 (C) $\frac{1}{4}$ (D) ∞ (E) none of these

A B

C C

E D

3. $\lim_{x \rightarrow 2} \frac{x^2 - 4}{x^2 - 4}$ is
(A) 4 (B) 0 (C) 1 (D) 3 (E) ∞

A A

C C

E E

4. $\lim_{x \rightarrow \infty} \frac{3x^2 + 27}{20x^2 + 41x + 9}$ is
(A) $-\infty$ (B) -1 (C) 0 (D) 3 (E) ∞

A D

C E

E C

5. $\lim_{x \rightarrow 1} \frac{x^2 - 1}{x^2 + 1}$ is
(A) -1 (B) 1 (C) 9 (D) ∞ (E) none of these

A E

C C

B C

D E

B A

D E

B B

D D

B B

D A

B A

D B