1. What should you multiply the numerator and denominator by when dealing with square roots?

A) The reciprocal

B) The conjugate

C) The derivative

D) The limit

2. What does the Squeeze Theorem state about the limits of h(x) and g(x)?

A) They must be equal

B) They must be different

C) They must be greater than f(x)

D) They must be less than f(x)

3. What is the result of direct substitution in the example given for evaluating the limit of (x^2 + 7x + 6) / (x + 2) as x approaches 2?

A) 4

B) 6

C) 8

D) 2

4. According to the Intermediate Value Theorem, what must be true for a function to apply?

A) It must be discontinuous

B) It must be continuous

C) It must be differentiable

D) It must be linear

5. What is the horizontal asymptote of the function (5x + 8x^2) / (3x + 2x^2 + 5)?

A) 2

B) 4

C) 8

D) 0