

**Algebra I**

This is a sample of California Standards Test questions

**Released Test Questions**

- 79** What is  $\frac{x^2 - 4x + 4}{x^2 - 3x + 2}$  reduced to lowest terms?

A  $\frac{x-2}{x-1}$

B  $\frac{x-2}{x+1}$

C  $\frac{x+2}{x-1}$

D  $\frac{x+2}{x+1}$

CSA10189

- 80** What is  $\frac{12a^3 - 20a^2}{16a^2 + 8a}$  reduced to lowest terms?

A  $\frac{a}{2}$

B  $\frac{3a-5}{2a+1}$

C  $-\frac{2a}{4+2a}$

D  $\frac{a(3a-5)}{2(2a+1)}$

CSA00013

- 81** What is the simplest form of the

fraction  $\frac{x^2 - 1}{x^2 + x - 2}$ ?

A  $\frac{-1}{x-2}$

B  $\frac{x-1}{x-2}$

C  $\frac{x-1}{x+2}$

D  $\frac{x+1}{x+2}$

CSA20127

**82**  $\frac{7z^2 + 7z}{4z + 8} \cdot \frac{z^2 - 4}{z^3 + 2z^2 + z} =$

A  $\frac{7(z-2)}{4(z+1)}$

B  $\frac{7(z+2)}{4(z-1)}$

C  $\frac{7z(z+1)}{4(z+2)}$

D  $\frac{7z(z-1)}{4(z+2)}$

CSA00067

## Answers

|    |   |
|----|---|
| 79 | A |
| 80 | D |
| 81 | D |
| 82 | A |