

## Algebra 2A

### 12.1 Answer Key

1.  $-\frac{4x^4y^2}{9}$

2.  $\frac{2y+3}{7y-1}$

3.  $\frac{2x+5}{x+3}$

4.  $n - w$

5.  $\frac{a^2w^2}{y^2}$

6.  $\frac{2}{x(x-3)}$

7.  $-\frac{5}{2}$

8.  $\frac{2x+1}{4-x}$

9.  $-2(x+3)$

### 12.2 Answer Key

1.  $a^2b^3c^4$

2.  $6(2w+1)(2w-1)$

3.  $\frac{25y^2 - 12x^2}{60x^4y^3}$

4.  $\frac{2(2+3n)}{3n}$

5.  $\frac{2}{x-4}$

6.  $\frac{7-9m}{m-9}$

7.  $\frac{5(x^3 - 4x - 16)}{2(x-4)(x+4)}$

8.  $\frac{5}{2(x+2)}$

9.  $\frac{3(6-5n)}{20n}$

### 12.3 Answer Key

1. 16

2. -1, 2

3.  $\frac{4}{3}, 2$

4. All real numbers except 5

5. No Solution

6. -1, -2

7. 20 cm.