

## Answer Key

### Quantitative Review

1.

$$\frac{2x^2 - 2x + 4}{x^2 - 2x + 2}$$

2.

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

3.

$$\frac{2x^2 - 2x + 4}{x^2 - 2x + 2}$$

4.

$$\frac{2x^2 - 2x + 4}{x^2 - 2x + 2}$$

5.

$$\frac{2x^2 - 2x + 4}{x^2 - 2x + 2}$$

6.

$$\frac{2x^2 - 2x + 4}{x^2 - 2x + 2}$$

7. Commutative property of addition

8. Associative property of addition

9. Identity property of addition

10. Inverse property of addition

11. Distributive property

12. Inverse property of multiplication 100, 10<sup>2</sup>

13. 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>

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33. 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>, 100 = 10<sup>2</sup>

34.  $a + b$

$$\frac{a + b}{a + b}$$

35.  $-b + a + a + b$

$$\frac{-b + a + a + b}{-b + a + a + b}$$

36.  $-2a + a + 2a$

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

37.  $-b + a + a + b$

$$\frac{-b + a + a + b}{-b + a + a + b}$$

38.  $2ab + 2$

$$\frac{2ab + 2}{2ab + 2}$$

39.  $2ab + 2$

$$\frac{2ab + 2}{2ab + 2}$$

40.  $-2a + a + 2$

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

41.  $a + a + 2$

$$\frac{a + a + 2}{a + a + 2}$$

42.  $a + a + 2$

$$\frac{a + a + 2}{a + a + 2}$$

43.  $a + a + 2$

$$\frac{a + a + 2}{a + a + 2}$$

44.  $a + a + 2$

$$\frac{a + a + 2}{a + a + 2}$$

45.  $a + a + 2$

$$\frac{a + a + 2}{a + a + 2}$$

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50.  $a + a + 2$

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51.  $a + a + 2$

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52.  $a + a + 2$

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