

NOTE: We do not believe that minor errors should prevent you from placing into the appropriate course.

## Answers

1.  $x = 2$

2.  $\frac{34}{35}$

3.  $2x^2 - x - 6$

4. 17

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5.  $y = -2x + 11$

6.  $x = -1, 5$

7.  $3a^2 + 6ab + 3b^2$

8.  $x^{12}$

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9.  $\frac{5x + 7}{(x - 1)(x + 5)}$

10.  $\ln \frac{26}{5}$

11.  $\frac{\sqrt{3}}{2}$

12.  $\pm \frac{1}{2}$

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13. -6

14.  $(4x + 7)(5 \cos x - 3) + (2x^2 + 7x)(-5 \sin x)$

15.  $4\sqrt{x} + \frac{5x^3}{3} + 3e^x + C$

16. 48 cm<sup>2</sup> per second

Still have questions about your placement? Contact Dr. Merz at [fontesnc@westminster.edu](mailto:fontesnc@westminster.edu)