

# Answer Key

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## Practice A

1.  $\frac{4}{x}$    2.  $\frac{5+x}{x+1}$    3.  $\frac{2x-1}{x-3}$

4.  $(x+1)(x-1)$    5.  $(x+4)(x-4)$

6.  $(x+2)(x-1)$    7.  $2x(x+1)^2$

8.  $\frac{15x+2}{3x^2}$    9.  $\frac{x^2+4x-6}{2x^2}$

10.  $\frac{-x-17}{(x+5)(x+1)}$    11.  $\frac{6x+13}{x+3}$

12.  $\frac{x+6}{(x+2)(x-2)}$    13.  $\frac{x^2+4x}{(x+1)(x-1)}$

14.  $\frac{2x-1}{x^2}$    15.  $\frac{x+1}{x-1}$    16.  $\frac{3x-x^2}{x-1}$

17.  $R = \frac{R_1 R_2}{R_1 + R_2}$    18.  $\frac{4}{3}$  ohms