

# Answer Key

---

## Practice C

1.  $\frac{3x+1}{x+2}$  2. not possible 3.  $\frac{x+5}{x^2+5x+25}$

4.  $x-6$  5.  $\frac{x-2}{x+1}$  6.  $\frac{3}{10}$  7.  $\frac{3x^{11}y}{25}$

8.  $3(x-2)$  9.  $\frac{7(x-3)}{x(x+5)}$  10.  $\frac{x(x^2+2x+4)}{4(x+1)}$

11.  $\frac{x+6}{4(x+2)}$  12.  $\frac{6}{5}$  13.  $\frac{5(x+5)}{4x^3}$

14.  $\frac{(x+10)(x+2)}{(x+8)(x+1)}$

15.  $\frac{1}{x^2(x+3)(x-3)(x+4)}$  16.  $\frac{\pi}{1}$

17. about 60,769 gallons