

Chapter 11 Test

1) $\frac{6x + 17}{(x + 2)(x + 3)}$

3) $\frac{x + 1}{x}$

5) Graph is shifted 1 unit to the right.

7) Domain = $\{x : x \geq 0\}$ Range = $\{y : y \geq 2\}$

9) It takes Ron 10 hrs to complete the job working alone.

11) The speed of the boat is $9 \frac{\text{mi}}{\text{hr}}$ in still water.

13) 4.24 L