

Name: _____

1. $2x + h$
2. 644
3. 6
4. $\frac{4}{9}$
5. Domain = $[-8, 7]$
Range = $[3, 12]$
6. $y = \frac{4}{9}(x - 3)^2 + 1$
7. $-\frac{1}{4}, -16$ and $(1, 4)$
8. $52.5t + 395$
9. All x such that $f(x) > 0$: $(-2, 3)$ $(3,)$
All x such that $f(x) < 0$: $(- , -2)$
10. Speed of the current = 3.5 ft/min
Her rate in still water = 42.5 ft/min