

Name: _____

1. $-\frac{3}{7}x + \frac{26}{7}$

2. $-5(x-1)^2 - 2$

3. $\frac{2}{x} + 5$

4. a. -57

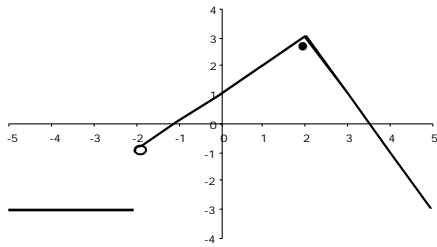
b. $3x^2 - 30x + 82$

5. $(-\infty, -2) \cup (0, 3)$

6. $(-4, 3.5)$

7. $(-\infty, -5) \cup (-5, 3]$

8.



9. 179 Children tickets and 321 Adult tickets

10. a. $P = k \frac{h}{c^2}$

b. $k = 112$

c. 168 points