8th Grade Standard Math p. 240 Lesson 4-4B: 19-26, 36-39, 57-60 Answer key

19) $2.25 per day: it costs $2.25 per day to rent a movie

20) 0: It does not matter how long a person stays at the park, the admission is the same.

21) m = 0.3 **22) m = 0.4** **23) m = 0.1** **24) x = 12** **25) y = -15**

26) x = -4 **36) The water level decrease until 8 am, then increases until 12 pm.**

37) a. o hours to 1.5 hours **b. 4.65 hours to 9.95 hours**

38) The altitude increases during the first 2 hours of the flight, then stays level for 45 minutes, then decreases for the last hour and 45 minutes.

39) The elevation increases for about 60 minutes, stays level for about 30 minutes, then decreases for 60 minutes.

57) $x - intercept: (-7, 0); y - intercept: (0, 7)$

58) $x - intercept: (-1, 0); y - intercept: (0, -1)$

59) $x - intercept: (4, 0); y - intercept: (0, 8)$

60) $x - intercept: \left(-1\frac{2}{3}, 0\right); y - intercept: (0, 5)$