

Math 70 - Quiz 2 Sections 2.6 and 2.7, Friday September 14th

1). Given the linear function $3y - 2x = -9$:

a). Graph the linear function.

b). Give the equation for above graph when you move the line up 4 units.

2). In 2001 the city's hotel workers union negotiated a salary increase for each year of service at a steady rate. If Bill, a hotel worker earned \$30,000 in that year and \$38,000 in 2007:

a). What was Bill's annual increase?

b). What function would describe Bill's salary over time?

b). In What year will Bill make \$42,000?