Consumer Math

Name_____

# Linear Depreciation Equations - Practice

Date_____

**Using the given linear depreciation equations, find:**

**a) the starting value of the object**
**b) the value of the object after *x* number of years.**

1) $y = -4x + 180$;  6 years

2) $y = -2x + 36$;  8 years

3) $y = -4x + 235$;  11 years

4) $y = -5x + 50$;  7 years

5) $y = -3x + 48$;  4 years

6) $y = -2x + 312$;  13 years

7) $y = -7x + 83$; value after 4 years:

8) $y = -3x + 505$

**Write the slope-intercept form of the equation of the line through the given points.** $y = mx + b$

9) through: $(0, 2)$ and $(5, -5)$

10) through: $(0, 5)$ and $(2, -5)$

11) through: $(0, -2)$ and $(-4, 0)$

12) through: $(0, 4)$ and $(4, 1)$

13) through: $(0, -3)$ and $(-3, 3)$

14) through: $(0, -5)$ and $(-2, 5)$