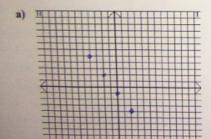
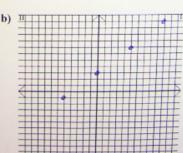
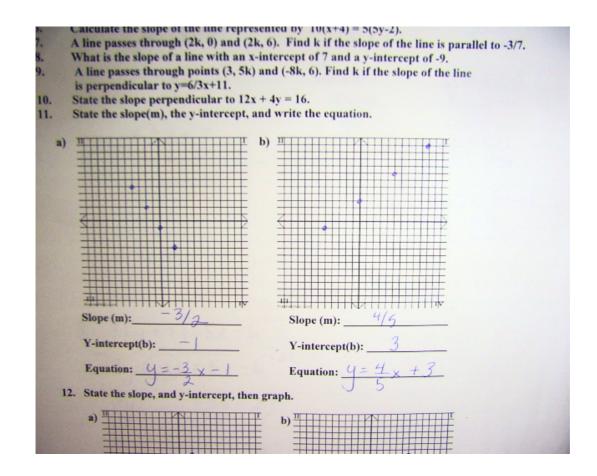
Review for Test

slope, parallel, perpendicular, y=mx+b, finding "k", intercepts

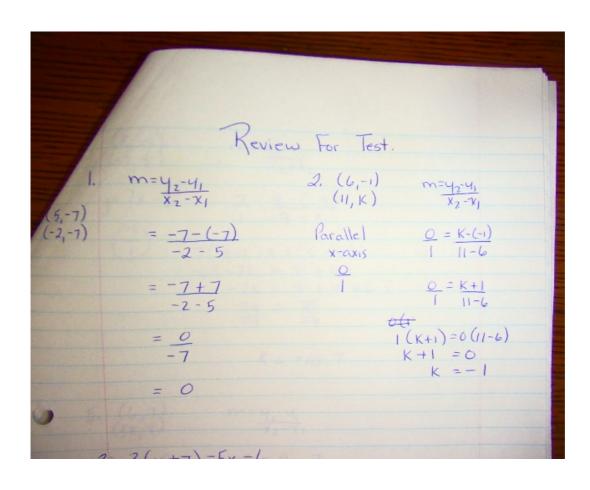
- 1. Find the slope of the line passing through (5, -7) and (-2, -7).
- 2. A line passes through (6, -1) and (11, k). Find k if the slope is parallel to the x-axis.
- 3. State the slope perpendicular to 3(y + 7) = 5x 6.
- 4. A line passes through (k, -4) and (-9, 8). Find the value of k if the slope is parallel to y=7x-6.
- 5. A line passes through (6, 7) and (5k, 9). Find k if the slope of the line is perpendicular to 5/6.
- 6. Calculate the slope of the line represented by 10(x+4) = 5(5y-2).
- A line passes through (2k, 0) and (2k, 6). Find k if the slope of the line is parallel to -3/7.
- 8. What is the slope of a line with an x-intercept of 7 and a y-intercept of -9.
- A line passes through points (3, 5k) and (-8k, 6). Find k if the slope of the line is perpendicular to y=6/3x+11.
- 10. State the slope perpendicular to 12x + 4y = 16.
- 11. State the slope(m), the y-intercept, and write the equation.

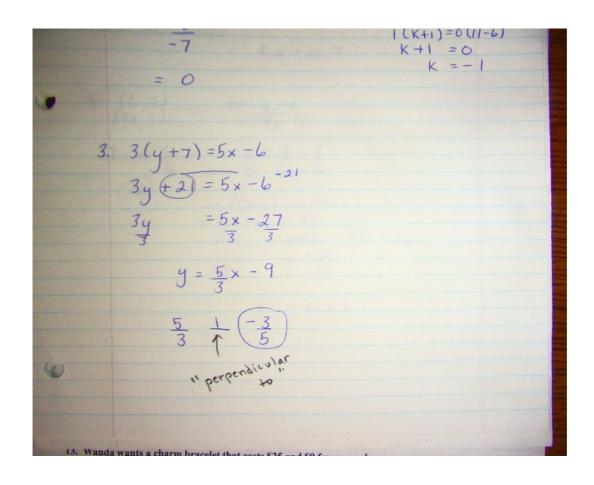


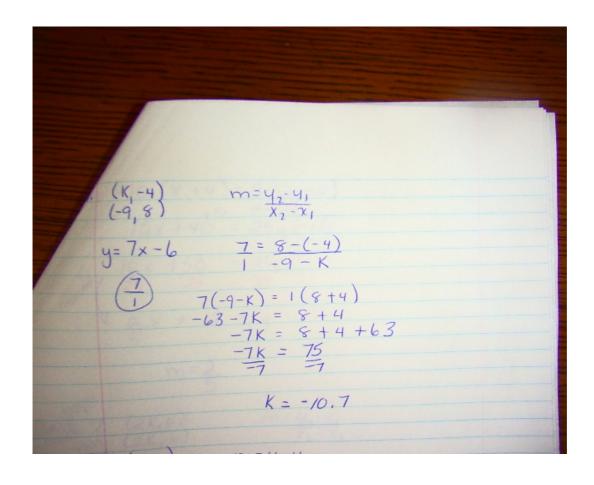




Slope (m):3/2	Slope (m): 4/5
Y-intercept(b):	Y-intercept(b): 3
Equation: $y = -3 \times -1$ 12. State the slope, and y-intercept, then grades $y = -3 \times -1$	Equation: $\frac{4 = 4 \times + 3}{5}$
a) The state of th	b) 11
Slope (m): 5/1	Slope (m):
Y-intercept(b):	Y-intercept(b):
13. Wanda wants a charm bracelet that costs \$25 and \$9 for every charm. a) Write the equation to represent the situation. b) How much will it cost for 8 charms? c) How many charms can Wanda purchase for \$110?	







$$7(-9-K) = 1(8+4)$$

$$-63-7K = 8+4$$

$$-7K = 8+4+63$$

$$-7K = 75$$

$$-7 = 7$$

$$K = -10.7$$

$$K = -10.7$$

$$1 + 5 = 9-7$$

$$5 \cdot (5K, 9) = 6 = 9-7$$

$$5 \cdot (5K-6) = 5(9-7)$$

$$-30K+3b = 45-35$$

$$-30K = 45-35-36$$

$$-30K = -36$$

$$10 (x + 4) = 5(5y - 2)$$

$$10x + 40^{10} = 25y - 10$$

$$10x + 40^{10} = 25y - 10$$

$$10x + 50 = 26y$$

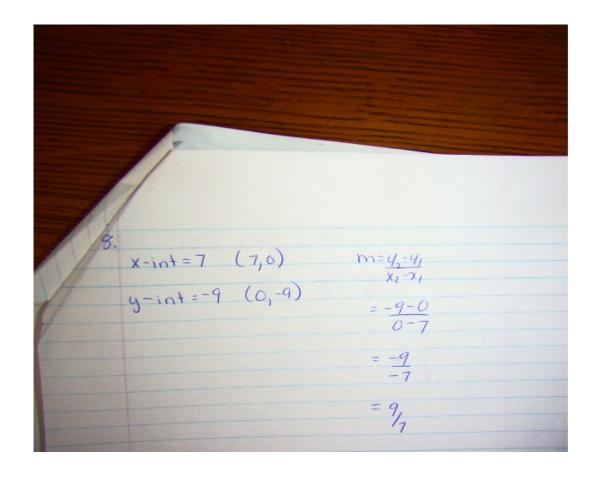
$$2x + 2 = y$$

$$m = \frac{2}{5}$$

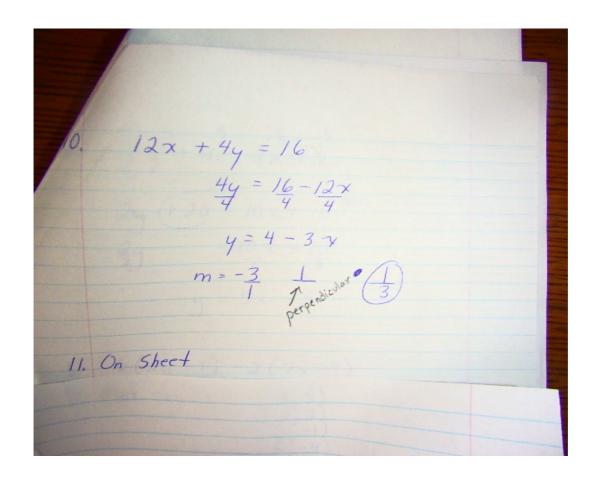
$$m = \frac{2}{5}$$

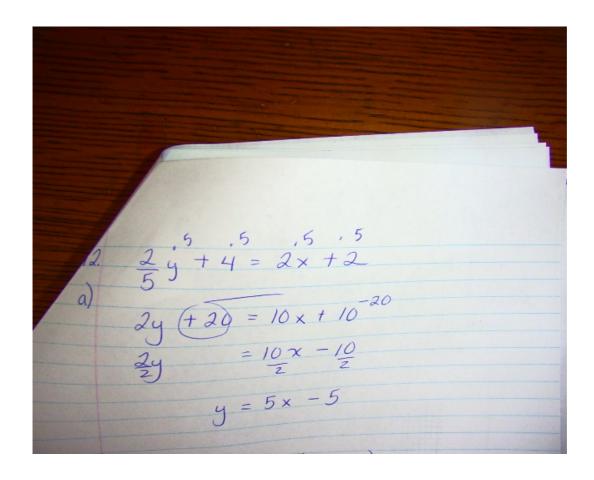
$$m = \frac{4}{5}$$

$$m =$$



9.
$$(3,5k)$$
 $(-8K, 6)$
 $y = 6 \times + 11$
 $y = 7 \times + 1$





- <u>24</u> - <u>2</u>
is) yi
y = 9x + 25 $110 = 9x + 25$ $85 = 9x$ $9.4 = x$ $9charms$