Name_____

1. Write the slope-equation of the line that has a slope of $-\frac{4}{3}$ and passes through the point (-6, -5).

Perform the indicated operation and then answer the questions to the right.

2. $(3x+8)^2$	Circle one of the following: Monomial Binomial Trinomial Polynomial
	Degree:
	Leading Coefficient:
3. $(-6x - 3 + 19x^2 + x^3) + (-12 - 5x^3)$	Circle one of the following:MonomialBinomialTrinomialPolynomial
	Degree:
	Leading Coefficient:
4. $(-x^2 - 8x + 7x^4) - (14x^3 - 9x - 10 + 12x^2)$	Circle one of the following:MonomialBinomialTrinomialPolynomial
	Degree:
	Leading Coefficient:
Perform the indicated operation.	
5. $(7-6i) + (8-3i)$	6. $(-3+2i) - (-6+8i)$
7. $(4-5i)(10+9i)$	8. $(3-7i)^2$

9. Solve using the Quadratic Formula: $f(x) = x^2 + 2x - 35$, verify by using a graphing calculator.



BONUS: Miss Boehl has an $11^{"} \times 14^{"}$ photo from her senior prom that she'd like to take off her fridge and frame. If the area of the framed image is $4^{"}$ less than twice the photo's area, what is the thickness of the frame?

