NAME: _____Score_____/$\underline{10}$

Perform the following two divisions. Then answer Question 3.

1. $\dfrac{(x^2+5)(x-3)(x+4)}{(x^2+5)(x+4)}$

2. $x^2+x-2\overline{\smash{\big)}3x^3+4x^2-5x+2}$

3. Write your results from Problem 2 in the form $p = qd + r$

1