

Math 70 - Quiz # 5

Name _____

Factor each expression below:

1. $x^2 + 2x - 35$
5, 35, 1
 $(x+7)(x-5)$

2. $3x^3 - 27x^2 + 60x$ *same sign, sum of 9*
 $3x(x^2 - 9x + 20)$
*1, 20
2, 10
4, 5*
 $3x(x-5)(x-4)$

3. $x^3 - 2x^2 + 4x - 8$
 $x^2(x-2) + 4(x-2)$
 $(x-2)(x^2+4)$

← can't factor this binomial