

Bellwork Thursday, May 29, 2014

Factor each completely. Remember to look for GCF first then continue factoring if possible.

1. $12a^2 + 17a + 6$

$$(4a+3)(3a+2)$$

2. $8x^2 + 44x + 20$

$$4(2x+1)(x+5)$$

3. $30b^2 - 17b + 2$

$$(6b+1)(5b-2)$$

4. $-2m^3 + 26m^2 - 72m$

	$1m$	-9
$1m$	m^2	$-9m$
-4	$-4m$	36

$$-2m(1m^2 - 13m + 36)$$

$$-2m(1m-4)(m-9)$$

5. $h^2 - 6hj - 16j^2$

$$(h-8)(h+2)$$

6. $3p^2 - 147$

$$3(p^2 - 49)$$

$$3(p+7)(p-7)$$