

Factoring Review

Apr 2-4:07 PM

Factor completely:

$$ax^2 + 10ax + 21a$$

$$a(x^2 + 10x + 21)$$

$$a(x + 3)(x + 7)$$

$$n^3 - 2n^2 - 48n$$

$$n(\overset{n}{n^2} - 2\overset{n}{n} - 48)$$

$$n(n + 6)(n - 8)$$

Apr 2-4:08 PM

$$\frac{4y^2 - 100x}{4x}$$

$$4x(y^2 - 25)$$

$$4x(y + 5)(y - 5)$$

Apr 2-4:09 PM

$$\frac{5x^2 + 80x - 315}{5}$$

$$-5(x^2 - 16x + 63)$$

$$-5(x - 9)(x - 7)$$

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Assignment:

Pg S18 # 22, 23, 45, 48,
53, 58, 76, 79

Apr 2-4:10 PM

$$4x^2(\quad)$$

Apr 8-9:39 AM