

Work on these after Hwk Quiz #2

Expand each using the box. Simplify answers.

1. $(2x + 3y)(4x - 5y)$

2. $(x^2 + 7)(2x^2 - 3)$

Ans _____

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Factor out the GCF from each.

3. $48x^5 - 40x^3 = \underline{\hspace{2cm}}(\quad)$

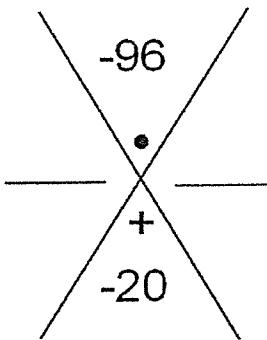
4. $3x^4 - 15x^3 - 42x^2 = \underline{\hspace{2cm}}(\quad)$

5. $36a^5b + 28a^4b^3 - 8a^2b^4 = \underline{\hspace{2cm}}(\quad)$

6. Fill in the spaces around the box.
 7. Fill in the spaces on the left and right side of the X.
 Start by putting the GCF of the two terms in the top with #'s that multiply to the top value and add to the bottom value. Then put the terms in the top row in the space to the left of the top row. Then put the terms in the bottom row in the space to the left of the top row.

$6x^2$	$-9x$
$+10x$	-15

a.



b.

