

Name: _____

M\$3A Homework 3

<p>1. Express as a trinomial: $(x + 3)(x + 7)$</p>	<p>6. Divide: $\frac{2y^4 - 8y^2 + 10y}{2y}$</p>	<p>1. _____</p>
<p>2. Express as a trinomial: $(x - 6)(x + 1)$</p>	<p>7. Simplify: $(x + 5)(x - 1) - x^2$</p>	<p>2. _____</p> <p>3. _____</p>
<p>3. Multiply $-7ab^2$ by $4a^2$.</p>	<p>8. Divide: $\frac{2y^4 - 8y^2 + 10y}{2y}$</p>	<p>4. _____</p> <p>5. _____</p>
<p>4. Multiply: $(9y - 2z)(3y + 1)$</p>	<p>9. Divide: $\frac{ab^2 - 2a^2b}{ab}$</p>	<p>6. _____</p> <p>7. _____</p>
<p>5. Multiply: $(2x - 1)(x - 6)$</p>	<p>Express as a single fraction: 10. $60 - \frac{2m}{3}$</p>	<p>8. _____</p> <p>9. _____</p> <p>10. _____</p>

11. Find the product of $6x - 2$ and $4x + 3$.	16. Multiply: $(4x + 3)(4x - 3)$
12. From $-2k^2 + k - 8$ subtract $k^2 + 3k - 2$.	17. Multiply: $7a(3a + 2)^2$
13. Express as a trinomial: $(x - 2)^2$	18. Multiply: $10(2x - \frac{1}{2}y)$
14. Express as a single fraction: $\frac{abc}{dw} - \frac{1}{abc}$	19. Express as a trinomial: $(2p - 4)(3p + 8)$
15. Multiply: $-3xy(4x^2y^2 - 6xy)$	20. Express as a trinomial: $(2x - 2)^2$

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