

Algebra I  
11.3 Warm-Up #1

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ HOUR: \_\_\_\_\_

Multiply using the FOIL method.

1.  $(a + 4)(a + 5)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

2.  $(r - 1)(r - 2)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

3.  $(a - 7)(a - 3)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

4.  $(3m + 2)(3m + 4)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

over

5.  $(m - 4)(m - 4)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

6.  $(4y - 1)(2y + 3)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

7.  $(2y + 1)(3y - 1)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

8.  $(2m + 5)(2m + 5)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

9.  $(x^2 + 1)(x^2 + 2)$

$$\frac{\quad}{\text{F}} + \frac{\quad}{\text{O}} + \frac{\quad}{\text{I}} + \frac{\quad}{\text{L}} = \underline{\hspace{2cm}}$$

5.  $(m - 4)(m - 4)$

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