

**Review for final Practice G**

1	$-3^4 =$
2	<i>if <math>x = -2</math> and <math>y = -3</math> then <math>2x - 3y =</math></i>
3	<i>factor completely: <math>4x^3 - 36x</math></i>
4	$5 - (-3) -  -10  =$
5	<i>subtract <math>-7</math> from <math>10</math></i>
6	<i>factor: <math>2x^2 - x - 3</math></i>
7	$(x - 3)(3x^2 - 4x - 2) =$
8	<i>factor completely: <math>12x^2y^3 - 18x^3y^2</math></i>
9	$\frac{7}{12} - \frac{5}{18} =$
10	$5x^3(5x^2y)^{-2} =$

Answers:

1	$-81$	6	$(2x - 3)(x + 1)$
2	$5$	7	$3x^3 - 13x^2 + 10x + 6$
3	$4x(x + 3)(x - 3)$	8	$6x^2y^2(2y - 3x)$
4	$-2$	9	$\frac{11}{36}$
5	$17$	10	$\frac{1}{5xy^2}$