

8.3 Homework

Date _____ Period _____

Simplify.

1) $\sqrt{16n^4}$

2) $\sqrt{8} \cdot \sqrt{8}$

Find each product.

3) $(8p + 7)(3p + 2)$

4) $(2x - 1)(3x - 3)$

Factor the common factor out of each expression.

5) $2n^4 + 3n^3 + 6n^2$

6) $-27x^2 - 18x$

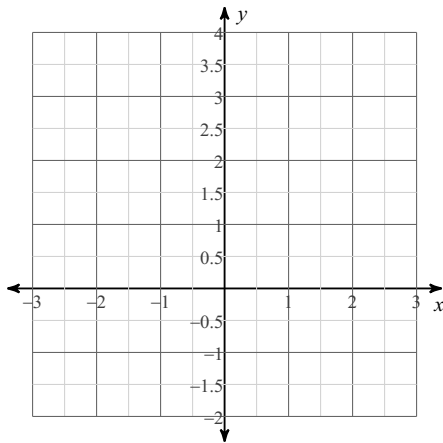
Simplify.

7) $4\sqrt{6} + 5\sqrt{6}$

8) $3\sqrt{6} - \sqrt{6}$

Sketch the graph of each function.

9) $y = \frac{1}{2}x^2$



Answers to 8.3 Homework

1) $4n^2$

2) 8

3) $24p^2 + 37p + 14$

4) $6x^2 - 9x + 3$

5) $n^2(2n^2 + 3n + 6)$

6) $-9x(3x + 2)$

7) $9\sqrt{6}$

8) $2\sqrt{6}$

9)

