

Chapter 9 Snake Review

#1

Find the product.

$$(2r - 5)(r + 5)$$

#2

Factor the expression

$$2x^2 - 9x - 5$$

#3

Simplify

$$\begin{array}{r} 12x^2 - 7x + 5 \\ - (3x^2 - 3x + 2) \\ \hline \end{array}$$

#4

Describe the polynomial

4

- Constant, linear, quadratic, or cubic?
- Monomial, binomial, or trinomial?

#5

Factor the expression

$$3w^2 - 6w - 24$$

F.

Find the product.

$$(3x+4)^2$$

#6

Simplify

$$(8x^2 + 9) - (2x^2 - 2x + 1)$$

#7

Factor the expression

$$8x^2 + 18x + 9$$

#8

Find the area of the rectangle.

$$3x - 4$$

$$x + 1$$



#9

Find the perimeter of the rectangle.

$$3x - 4$$

$$x + 1$$



#10

Find the product.

$$(2j^2 - 3)(j^3 - 3j^2 + 3)$$

#11

Factor the expression

$$9x^2 - 25$$

#12

Describe the polynomial

$$2x^2 - 25x + 3$$

- Constant, linear, quadratic, or cubic?
- Monomial, binomial, or trinomial?

#13

Factor the expression

$$x^5 - 36x^3$$

#14

Describe the polynomial

$$6x + 2$$

- Constant, linear, quadratic, or cubic?
- Monomial, binomial, or trinomial?

#15

Write a trinomial  
that has a GCF of  $2x$