

Chapter 9 Scavenger Hunt Review

A.

Find the product.

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

B.

Factor the expression

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

C.

Simplify

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

D.

Find the product

$$(x - 2)^2$$

E.

Factor the expression

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

F.

Find the product.

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

G.
Simplify

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

H.

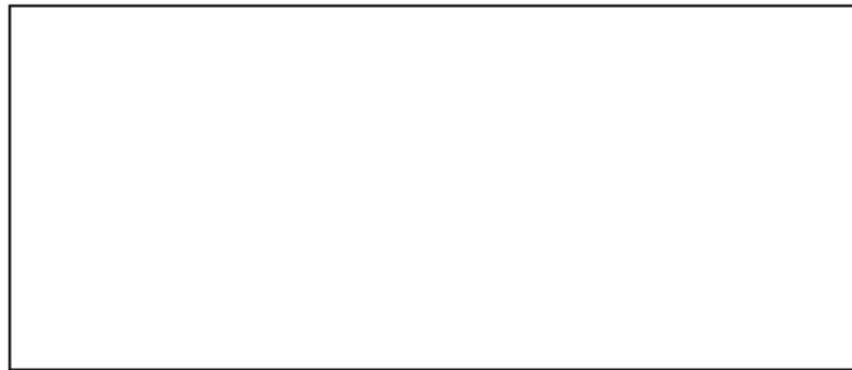
Factor the expression

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

I.

$$3x - 4$$

$$x + 1$$



1. Find the area of the rectangle.
2. Find the perimeter of the rectangle.

J.

Find the product.

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

K.

Factor the expression

$$(9x^2 - 25)$$