

Algebra 8-1 and 8-2 (Polynomials) Group Problem Solving

1. Simplify

$$(5w^2 - 10w + w^3) - (2w^4 - 6w + 2w^2)$$

$$(8u^3 + 5u^2 + 2) + (7u^3 - 8u + 2)$$

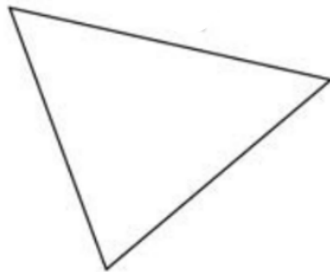
2. Write an expression for the perimeter of a rectangle

with a length of _____ and a width of _____.



3. Find the missing side.

Perimeter =



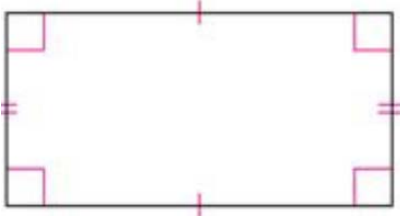
4. Write an expression for the area of a square with a

side of _____.

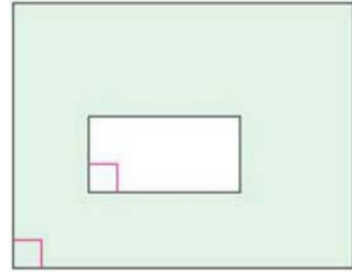


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5. Write an expression for the area of a rectangle with a length of _____ and a width of _____.



6. Write an expression for the shaded area.



7.

8.