

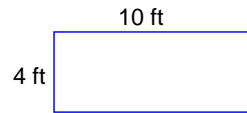
Lesson AP-3 Polynomials as Areas

Name \_\_\_\_\_

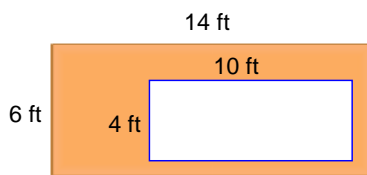
1. What is the area of this rectangle?



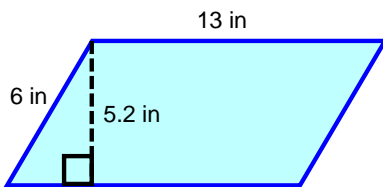
2. What is the area of this rectangle?



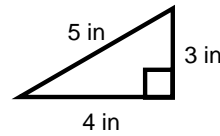
3. What is the area of the shaded region?



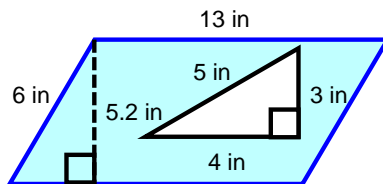
4. What is the area of this parallelogram?



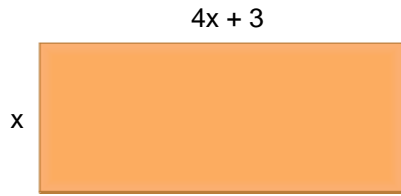
5. What is the area of this triangle?



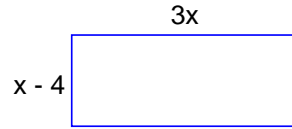
6. What is the area of the shaded region?



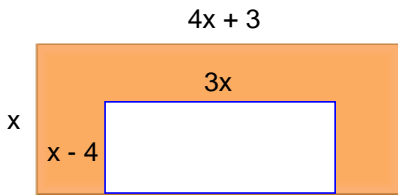
7. What is the area of this rectangle?



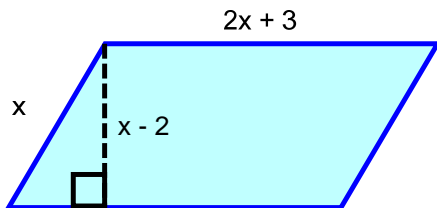
8. What is the area of this rectangle?



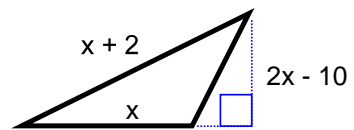
9. What is the area of the shaded region?



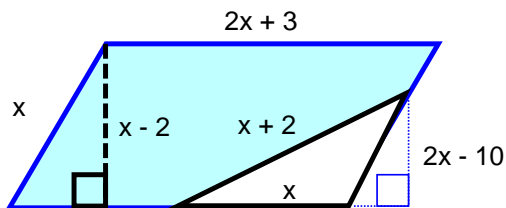
10. What is the area of this parallelogram?



11. What is the area of this triangle?



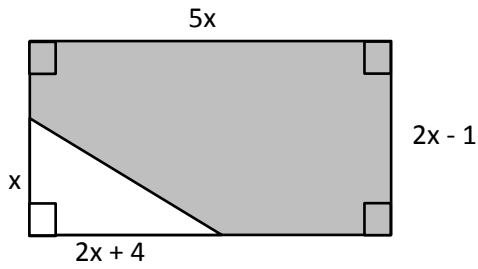
12. What is the area of the shaded region?



**AP-3 Polynomials as Areas**

Find the area of each shaded region. Be sure to show all your work and logic clearly. Diagrams are not drawn to scale.

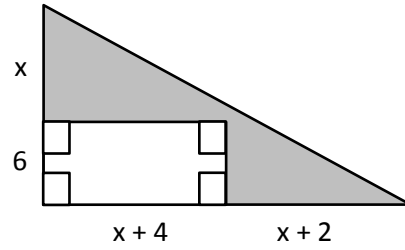
1.



Work:

Shaded Area: \_\_\_\_\_

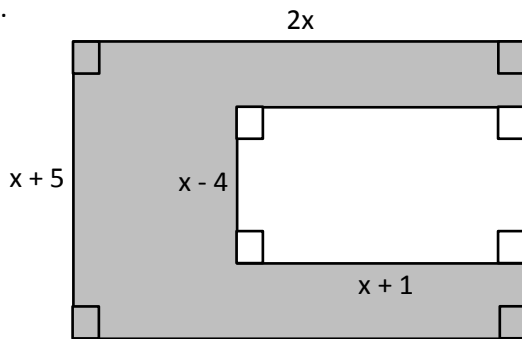
2.



Work:

Area: \_\_\_\_\_

3.



Work:

Area: \_\_\_\_\_