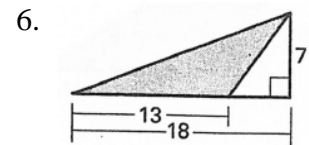
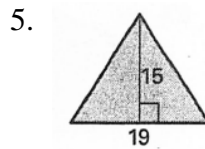
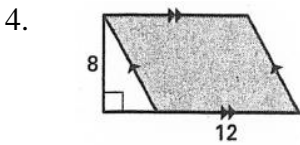
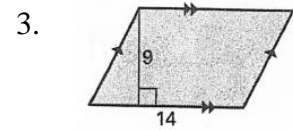
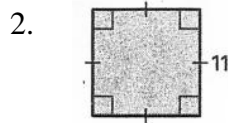
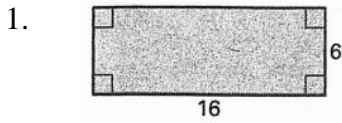


Unit 11- Worksheet #1: Areas of Triangles and Parallelograms Worksheet

Find the area of the polygon.



The lengths of the hypotenuse and one leg of a right triangle are given. Find the perimeter and area of the triangle.

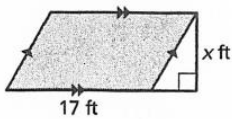
7. Hypotenuse: 26 cm
Leg: 24 cm

8. Hypotenuse: 50 mm
Leg: 14 mm

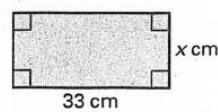
9. Hypotenuse: 37 ft
Leg: 12 ft

Find the value of x .

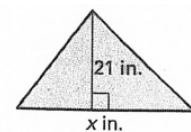
10. $A = 153 \text{ ft}^2$



11. $A = 528 \text{ cm}^2$

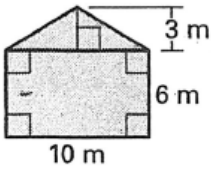


12. $A = 399 \text{ in}^2$

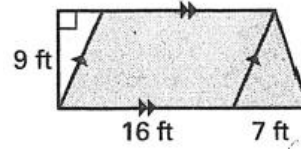


Find the area of the shaded polygon.

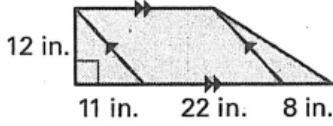
13.



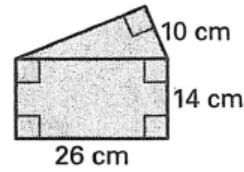
14.



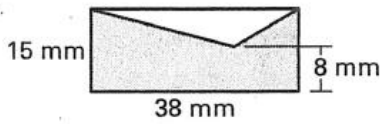
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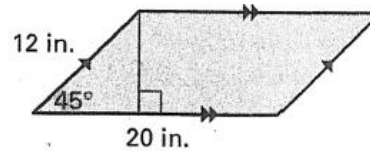
16.



17.



18.



19. A painter is painting the back of your garage, which has the measurements shown. The painter can paint 200 square feet per hour and charges \$25 per hour. How much will you have to pay if the painter rounds the time spent painting to the nearest half hour?

