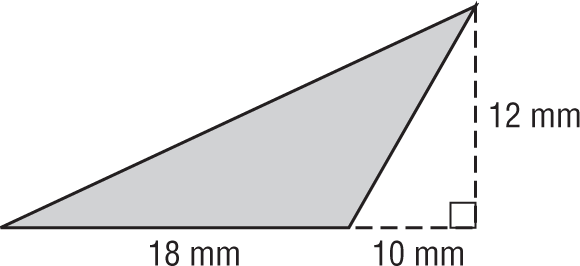
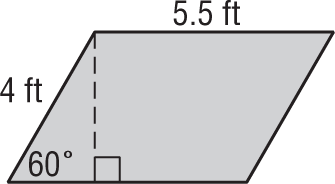
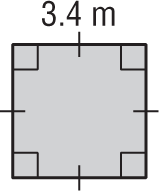
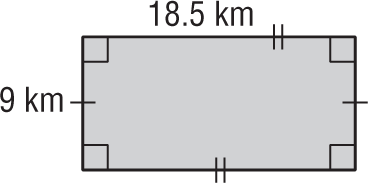
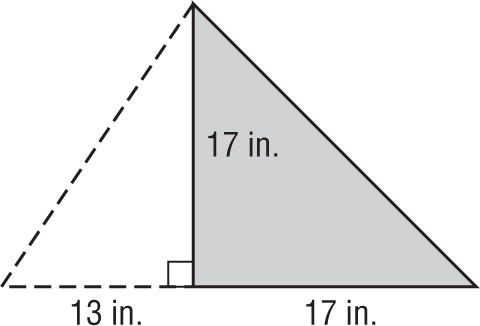
**11-1 Skills Practice**

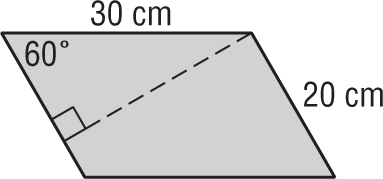
***Areas of Parallelograms and Triangles***

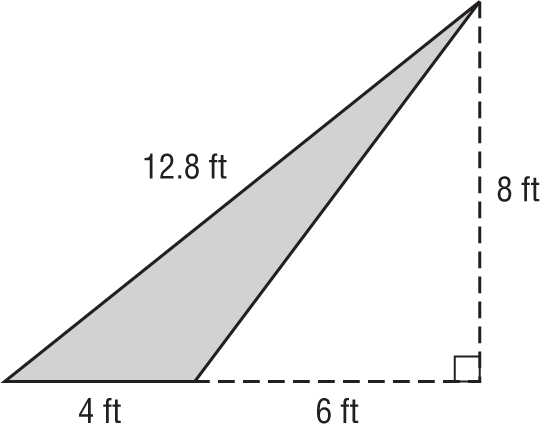
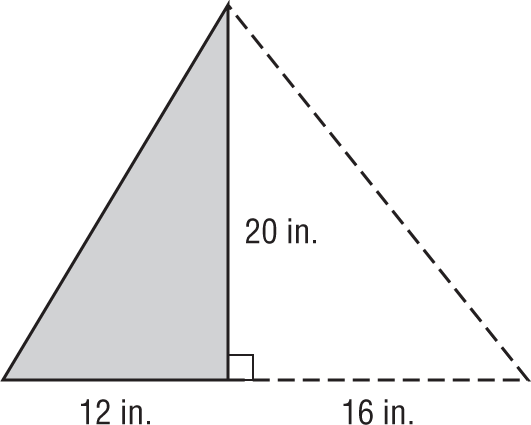
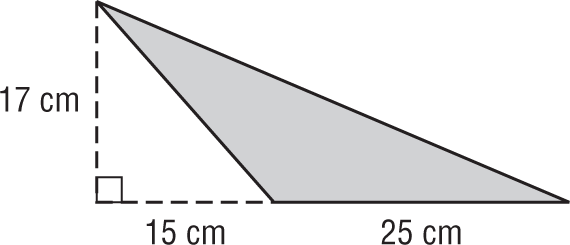
**Find the perimeter and area of each parallelogram or triangle. Round to the nearest tenth if necessary.**

** 1. 2.**

** 3. 4.**

** 5. 6.**

****

** 7. 8. 9.**

**10.** The height of a parallelogram is 5 feet more than its base. If the area of the parallelogram is 204 square feet,   
find its base and height.

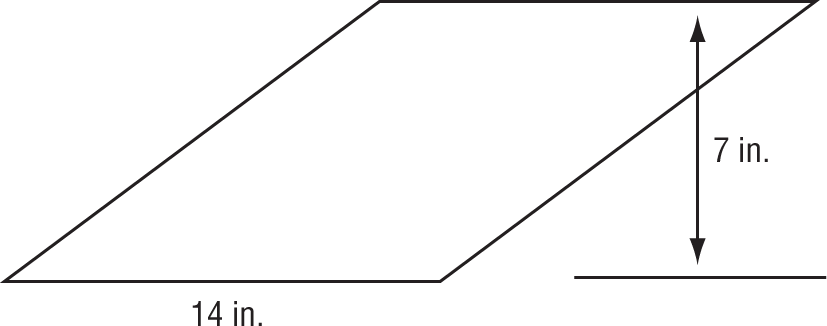
**11.** The base of a triangle is four times its height. If the area of the triangle is 242 square millimeters,   
find its base and height.

**12. FRAMING** A rectangular poster measures 42 inches by 26 inches. A frame shop fitted the poster with a  
half-inch mat border.

**a.** Find the area of the poster.

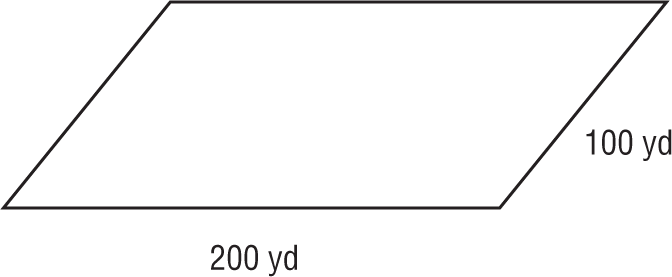
**b.** Find the area of the mat border.

**13. PACKAGING** A box with a square opening is squashed into the rhombus shown below.



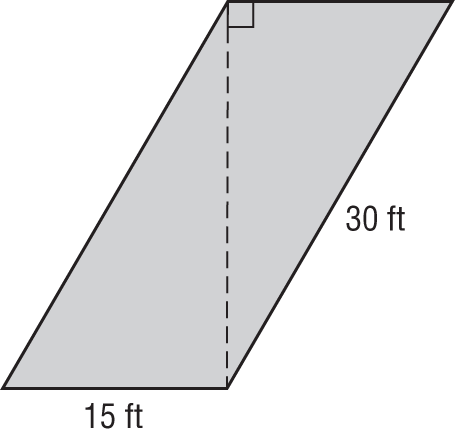
What is the area of the opening?

**14. RUNNING** Jason jogs once around a city block shaped like a parallelogram.

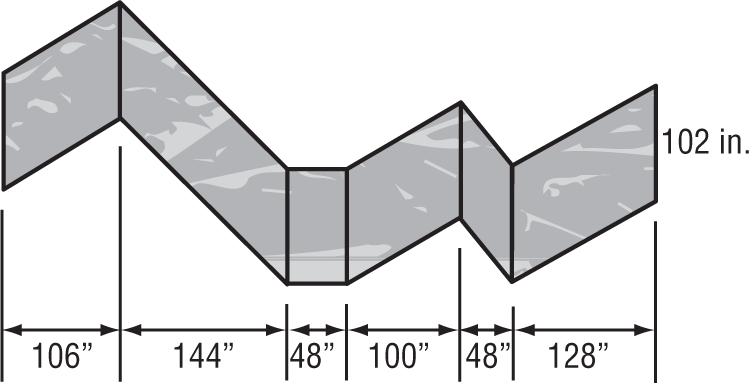


How far did Jason jog?

**15. SHADOWS** A rectangular billboard casts a shadow on the ground in the shape of a parallelogram. What is the area of the ground covered by the shadow? Round your answer to the nearest tenth.

****

**16. PATHS** A concrete path shown below is made by joining several parallelograms.



What is the total area of the path?