



Area of a Parallelogram

TAKS Objective 4
TEKS 5.10B, 5.10C, 5.15A

Solve.

1. A football field has a length of 100 yards and a width of 53 yards. What is the area of a football field?

3. The width of a basketball court is 50 feet. If the area of the court is 4,700 square feet, what is its length?

5. The length of a rectangle is 4 inches longer than the width. If the rectangle has an area of 96 square inches, what are its dimensions?

2. A parallelogram has a base of 15 cm and a height of 18 cm. What is the area of the parallelogram?

4. A swimming pool is in the shape of a square. If the perimeter of the pool is 72 feet, what is its area?

6. Can two parallelograms have equal bases and equal perimeters but unequal areas? Draw examples.
