



Perimeter and Area

TAKS Objective 4
TEKS 5.10B, 5.10C,
5.14D, 5.15A

Solve.

1. Ryan wants to put a fence around a rectangular dog run with a length of 20 meters and a width of 12 meters. How many meters of fence does Ryan need?

3. Gopal's living room is shaped like a square and its area is 225 square feet. What is the length of each side?

5. Use whole numbers to find how many different rectangles have a perimeter of 20 units. What are the dimensions of these rectangles?

2. The dimensions of Stephanie's rectangular bedroom are 16 feet by 13 feet. What is the area of her bedroom?

4. Mrs. Martinez has a rectangular garden that measures 15 meters by 10 meters. One of the 10-meter sides is along the house and won't need a fence. How many meters of fence does she need to border the garden?

6. Can two rectangles have the same perimeter but different areas? Give an example.
