



Use Patterns to Multiply

TAKS Objectives 1, 2
TEKS 4.4D, 4.6B

Solve the problems below.

1. A developer is building 35 houses. Each house will have 16 windows. How many windows must the developer order?

3. A carpenter ordered 64 boxes of nails. Each box contains 50 nails. How many nails did the carpenter order in all?

5. A contractor orders 83 sections of fence. Each section of fence is 36 inches high and 72 inches wide. What is the total length of the 83 sections of fence?

2. Jamal is building a rectangular brick patio with all the bricks facing the same way. One side is 15 bricks long and another is 24 bricks long. How many bricks will Jamal need to build the patio?

4. A builder ordered 76 cartons of ceiling tiles. Each carton has 32 tiles. How many tiles did the builder order in all?

6. A spool of electrical wire is 100 feet long. One spool costs \$66. How much do 97 spools cost?
