

Winning a Math Contest

Willie's voice rang out over the hum of students practicing recitations.

"Speak softly," said the teacher. "Pecks in a bushel."

"Four," Willie cried out again.

"Acres in a square mile."

"Six hundred forty."

"Let someone else answer. Yards in a rod and rods in a mile."

"Five and a half, and three hundred twenty."

Willie didn't like written work, but he wanted to win oral drills.

"Dozens in a gross."

From Caught in the Middle, 2025, Carolyn Zeisset, p. 135

For each word in the first column, find one answer in each of the other columns

Measurement word	What is measured?	What is it used for?
A. Bushel	___ Area	___ Egg cartons sold to a store
B. Acre	___ Distance	___ Size of a farm field
C. Mile	___ Dry volume	___ Grain (wheat, corn); some fruit
D. Rod	___ Items	___ How far from one place to another
E. Gross	___ Length	___ Surveying land

For each question, mark the correct answer or answers. (Some have more than one.)

What is a peck?	What is a yard?	How much is a gross?
___ 1 bushel	___ A short rod	___ 12
___ 4 rods	___ 3 feet long	___ 144
___ 1/2 gross	___ 320 th of a mile	___ 12 dozen
___ 1/4 bushel	___ 36 inches long	___ 1 dozen
___ a tiny speck	___ 5 1/2 inches	___ None of the above

What is a square mile?

- ___ A square where the 4 sides add up to 1 mile
- ___ A square where each side is 160 rods long
- ___ A square that has 640 acres in it
- ___ A square that has 12 dozen gross in it
- ___ A square where each side is 1 mile long

