

Pat has 3 fish bowls. There are 4 plants and 5 fish in each bowl. Which gives the total number of fish?

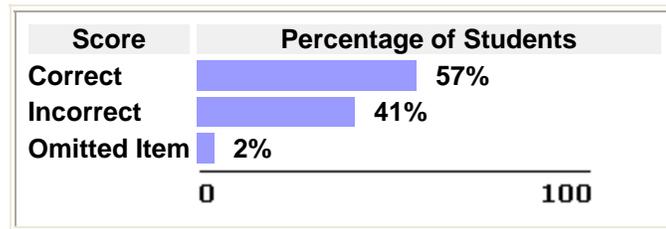
- A) $3 + 5$
- B) 3×4
- C) 3×5
- D) $3 + 4 + 5$

Key

Pat has 3 fish bowls. There are 4 plants and 5 fish in each bowl. Which gives the total number of fish?

- A) $3 + 5$
- B) 3×4
-  C) 3×5
- D) $3 + 4 + 5$

2003 National Performance Results



Note:

- These results are for public and nonpublic school students.
- Percentage may not add to 100 due to rounding.

Mathematical Content Area

Number sense, properties, and operations

This question was classified in the number sense, properties, and operations content area. This content area focuses on students' understanding of numbers (whole numbers, fractions, and decimals at all grades; integers at grades 8 and 12; real and complex numbers at grade 12), operations, estimation, and applications to real-world situations. Students are expected to demonstrate an understanding of properties of numbers and operations, generalize from numerical patterns, and verify results. In grades 8 and 12, students are also expected to demonstrate an understanding of numerical relationships expressed in ratios, proportions, and percentages. Number sense includes questions that address students' understanding of relative size, equivalent forms of numbers, and use of numbers to represent attributes of real-world objects and quantities.

Mathematical Ability

Problem solving

This question measures students' problem solving ability. Students demonstrate problem solving in mathematics when they recognize and formulate problems; determine the consistency of data; use strategies, data, models; generate, extend, and modify procedures; use reasoning in new settings; and judge the reasonableness and correctness of solutions. Problem solving situations require students to connect all of their mathematical knowledge of concepts, procedures, reasoning, and communication skills to solve problems.