

- 18 This rectangle is made up of square tiles that measure $\frac{1}{2}$ inch on each side.



Part A

What is the area of one of the tiles, in square inches? Write your answer in the space provided. Write **only** your answer.

A large, empty rectangular box intended for the student to write their answer to Part A.

Part B

Which **two** of the following equations gives the area of the **entire** rectangle? Select the **two** correct answers.

- A** $2\frac{1}{2} \times 1 = 2\frac{1}{2}$ square inches
- B** $2\frac{1}{2} \times \frac{1}{2} = 1\frac{1}{4}$ square inches
- C** $10 \times \frac{1}{4} = 2\frac{1}{2}$ square inches
- D** $10 \times \frac{1}{2} = 5$ square inches
- E** $2\frac{1}{2} \times 2 = 5$ square inches
- F** $5 \times \frac{1}{4} = 1\frac{1}{4}$ square inches

GO ON →

- 22 Mandi wants to find the sum of $\frac{7}{6}$ and $\frac{1}{3}$.

Part A

Which expression is equal to the sum of $\frac{7}{6}$ and $\frac{1}{3}$?

- A $\frac{(7 \times 3) + (6 \times 1)}{(6 \times 3)}$
- B $\frac{(7 + 3) + (6 + 1)}{(6 + 3)}$
- C $\frac{(7 \times 3) \times (6 \times 1)}{(6 \times 3)}$
- D $\frac{(7 \times 3) - (6 \times 1)}{(6 \times 3)}$

Part B

What is the sum of $\frac{7}{6}$ and $\frac{1}{3}$? Write your answer in the space provided. Write **only** your fraction.

- 23 A rectangular garden measures $8\frac{3}{4}$ meters on one side and $12\frac{5}{8}$ meters on the other side.

What is the area, in square meters, of this garden? Write your answer in the space provided. Write **only** your answer.

GO ON →

- 30 Workers at a park had 6 tons of stone to place in 4 different areas of a park. They placed the same amount of stone in each area.

How many tons of stone did the workers place in each area? Write your answer in the space provided. Write **only** your fraction.

- 31 A barrel can hold up to $5\frac{1}{4}$ gallons of water. It was half full of water.

How many gallons were in the barrel? Write your answer in the space provided. Write **only** your fraction.

- 32 Circle an option from each set to correctly complete the statement.

The product of $450 \times \frac{3}{2}$ is less than equal to

greater than 450 because $\frac{3}{2}$ is a fraction greater than 1

less than 1 not equal to 0.

GO ON →