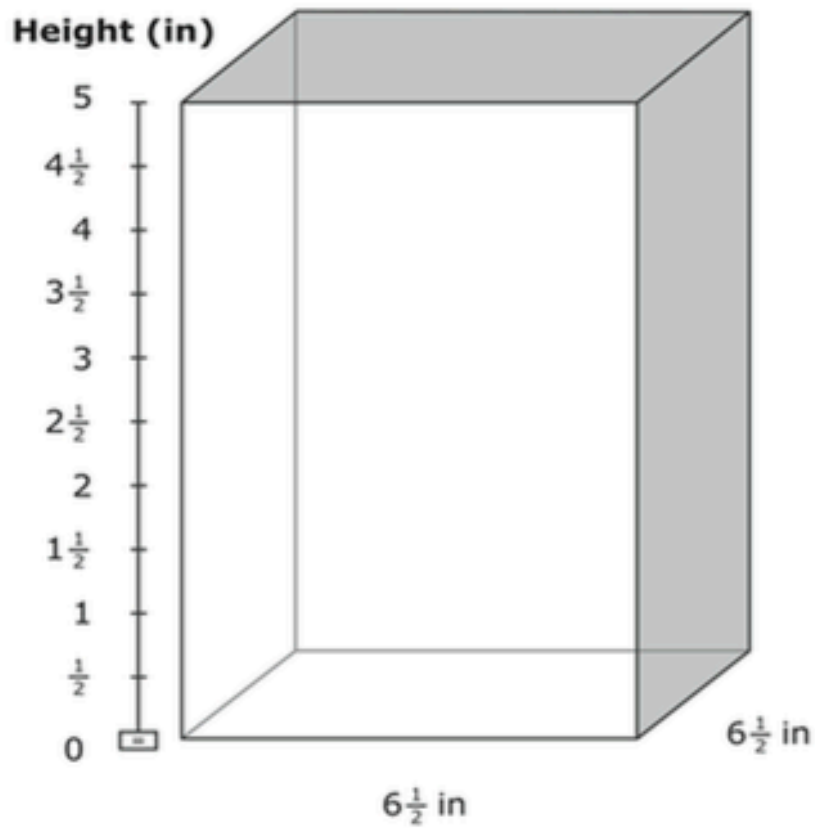


Name: _____
Period: _____

Randy fills the prism shown with $126\frac{3}{4}$ cubic inches of sugar.

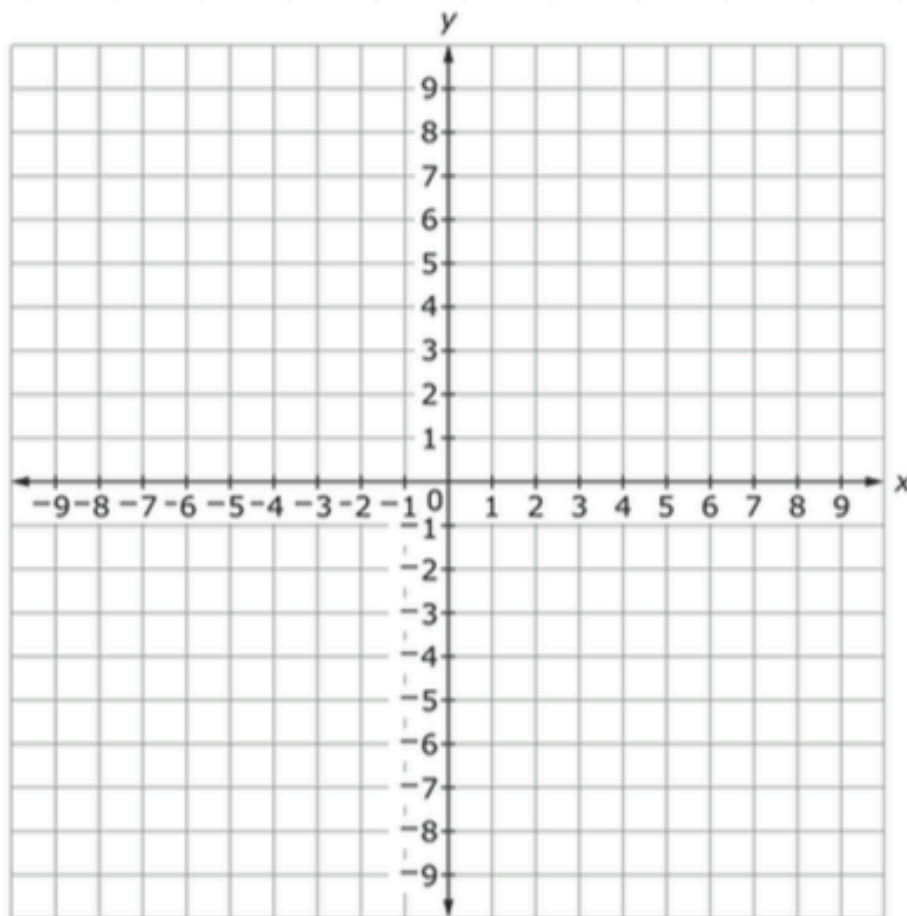


What is the height of sugar Randy put in the prism?

Write your answer in the space provided on your answer document.

Part A

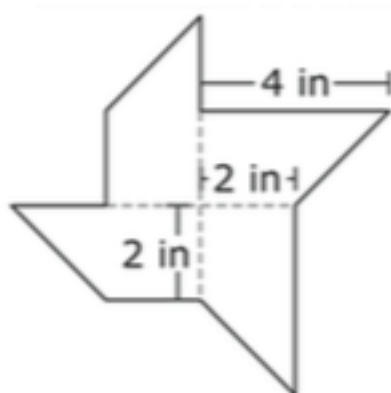
Using the coordinate plane on your answer document, draw a right triangle with vertices $X(-3, 3)$, $Y(-3, -3)$, and $Z(5, -3)$.

**Part B**

Line segment XZ is 10 units long. How many units is the perimeter of the right triangle?

Write your answer in the space provided on your answer document.

A pinwheel's four blades are all congruent right trapezoids.



What is the combined area of the four blades, in square inches?

- A.** 8
- B.** 16
- C.** 24
- D.** 32

What is the distance between the points $(11, -7)$ and $(2, -7)$ on a coordinate plane, in units?

- A.** 13
- B.** 9
- C.** 5
- D.** 0