

Lesson 13: Rectangles with Fractional Side Lengths

Cool Down: Two Frames

Two rectangular picture frames have the same area of 45 square inches but have different side lengths. Frame A has a length of $6\frac{3}{4}$ inches, and Frame B has a length of $7\frac{1}{2}$ inches.

1. Without calculating, predict which frame has the shorter width. Explain your reasoning.

2. Find the width that you predicted to be shorter. Show your reasoning.