Square and Cube Roots - Matching Worksheet

Write the letter of the answer that matches the problem.

1. Find the two values for \( \sqrt{36} \)
   a. \( \frac{9}{12} \)

2. Find the two values for \( \sqrt{169} \)
   b. 17

3. Solve for \( x^2 = 81 \)
   c. 10

4. Solve for \( y^2 = 25 \)
   d. 16

5. Solve for \( z^2 = 64 \)
   e. -6, 6

6. Solve: \( P^2 = \frac{36}{16} \)
   f. \( \frac{6}{4} \)

7. Solve: \( Q^2 = \frac{81}{144} \)
   g. -13, 13

8. Find the side length of a square whose area is 256 ft\(^2\)?
   h. 8

9. What is the side of a square whose area is 289 ft\(^2\)?
   i. 9

10. A square has an area of 100 ft\(^2\). What is its side?
    j. 5