

Name : _____

T2S3

Area of a Square

A) Find the area of each square for the given side length.

1) Side length = $\frac{3}{4}$ in

Area = _____

2) Side length = $3\frac{2}{3}$ ft

Area = _____

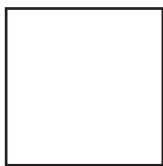
3) Side length = $\frac{1}{2}$ ft

Area = _____

4) Side length = $\frac{5}{6}$ yd

B) Find the area of e

5)



Area = _____

7)



Area = _____

Area = _____

9) If the length of the side of a square is $2\frac{5}{7}$ yards, determine the area.

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Name : _____

Answer key

T2S3

Area of a Square

A) Find the area of each square for the given side length.

1) Side length = $\frac{3}{4}$ in

Area = $\frac{9}{16}$ in²

2) Side length = $3\frac{2}{3}$ ft

Area = $\frac{121}{9}$ or $13\frac{4}{9}$ ft²

3) Side length = $\frac{1}{2}$ ft

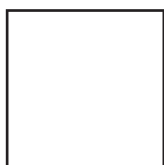
Area = $\frac{1}{4}$ ft²

4) Side length = $\frac{5}{6}$ yd

Area = $\frac{25}{36}$ yd²

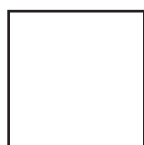
B) Find the area of each square.

5)



Area = $\frac{81}{25}$ or $3\frac{6}{25}$ in²

7)



Area = $\frac{4}{49}$ in²

Area = $\frac{144}{25}$ or $5\frac{19}{25}$ ft²

9) If the length of the side of a square is $2\frac{5}{7}$ yards, determine the area.

$\frac{361}{49}$ or $7\frac{18}{49}$ square yards

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