

Name : \_\_\_\_\_

## Area of a Square

T2S1

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

1) Side length =  $\frac{5}{2}$  yd

Area = \_\_\_\_\_

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

Area = \_\_\_\_\_

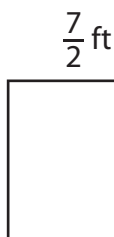
3) Side length =  $\frac{1}{6}$  in

Area = \_\_\_\_\_

4) Side length =  $3\frac{3}{4}$  ft

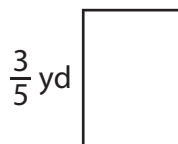
B) Find the area of each square.

5)



Area = \_\_\_\_\_

7)



Area = \_\_\_\_\_

9) If the side of a square measures  $\frac{8}{9}$  foot, determine the area.

\_\_\_\_\_

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Name : \_\_\_\_\_

## Answer key

T2S1

### Area of a Square

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

1) Side length =  $\frac{5}{2}$  yd

Area =  $\frac{25}{4}$  or  $6\frac{1}{4}$  yd<sup>2</sup>

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

Area =  $\frac{49}{9}$  or  $5\frac{4}{9}$  in<sup>2</sup>

3) Side length =  $\frac{1}{6}$  in

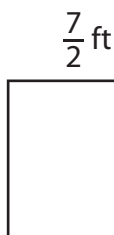
Area =  $\frac{1}{36}$

4) Side length =  $3\frac{3}{4}$  ft

Area =  $4\frac{1}{16}$  ft<sup>2</sup>

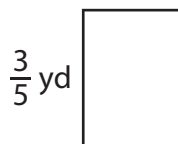
B) Find the area of each square.

5)



Area =  $\frac{49}{4}$  or  $12\frac{1}{4}$  yd<sup>2</sup>

7)



Area =  $\frac{9}{25}$  yd<sup>2</sup>

Area =  $\frac{81}{49}$  or  $1\frac{32}{49}$  in<sup>2</sup>

9) If the side of a square measures  $\frac{8}{9}$  foot, determine the area.

$\frac{64}{81}$  square foot

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