

Name : _____

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 = _____

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

Area = _____

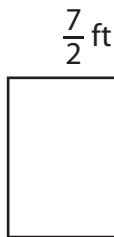
3) Side length = $\frac{1}{6}$ in

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

Area = _____

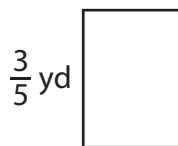
B) Find the area of e

5)



Area = _____

7)



Area = _____

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

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Area = _____

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 $6\frac{1}{4}$ yd²

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

Area = $\frac{49}{9}$ or $5\frac{4}{9}$ in²

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

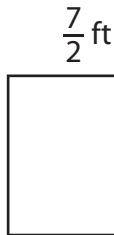
Area = $\frac{1}{36}$

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

Area = $4\frac{1}{16}$ ft²

B) Find the area of each square.

5)



Area = $\frac{49}{4}$ or $12\frac{1}{4}$

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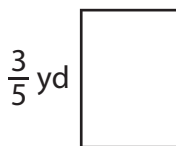
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Area = $10\frac{2}{3}$ yd

Area = $1\frac{1}{9}$ yd²

7)



Area = $\frac{9}{25}$ yd²

Area = $\frac{81}{49}$ or $1\frac{32}{49}$ in²

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

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