

Name : _____

T2S5

Area of a Square

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

1) Side length = $1\frac{5}{6}$ ft

Area = _____

2) Side length = $\frac{5}{11}$ in

Area = _____

3) Side length = $\frac{4}{7}$ in

4) Side length = $\frac{9}{4}$ yd

Area = _____

B) Find the area of e

5) $\frac{11}{3}$ yd



Area = _____

7)

$1\frac{4}{5}$ ft



Area = _____

Area = _____

9) If the side of a square measures $\frac{7}{9}$ yard, determine the area.



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Answer key

T2S5

Area of a Square

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

1) Side length = $1\frac{5}{6}$ ft

Area = $\frac{121}{36}$ or $3\frac{13}{36}$ ft²

2) Side length = $\frac{5}{11}$ in

Area = $\frac{25}{121}$ in²

3) Side length = $\frac{4}{7}$ in

Area = $\frac{16}{49}$ in²

4) Side length = $\frac{9}{4}$ yd

Area = $\frac{81}{16}$ yd²

B) Find the area of each square.

5) Side length = $\frac{11}{3}$ yd

Area = $\frac{121}{9}$ or $13\frac{4}{9}$ yd²

7) Side length = $1\frac{4}{5}$ ft

Area = $\frac{81}{25}$ or $3\frac{6}{25}$ ft²

Area = $\frac{100}{49}$ or $2\frac{2}{49}$ in²

9) If the side of a square measures $\frac{7}{9}$ yard, determine the area.

Area = $\frac{49}{81}$ square yard