

Name : _____

Square Root - Perfect Square

A) Find the values of the following.

1) $\sqrt{\frac{784}{25}}$

2) $\sqrt{\frac{1}{9}}$

3) $\sqrt{\frac{49}{81}}$

4) $\sqrt{\frac{900}{144}}$

5) $\sqrt{\frac{256}{100}}$

6) $\sqrt{\frac{625}{196}}$

B) Find the square roots of

1) $\frac{25}{121}$

$\frac{400}{529}$

4) $\frac{81}{36}$

$\frac{49}{100}$

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C) 1) Which of the following is the square root of $\frac{9}{400}$?

i) $\frac{5}{3}$

ii) $\frac{3}{40}$

iii) $\frac{3}{5}$

iv) $\frac{3}{20}$

2) Find the number, when multiplied by itself gives $\frac{36}{121}$.

i) $\frac{6}{5}$

ii) $\frac{7}{11}$

iii) $\frac{6}{11}$

iv) $\frac{8}{11}$

Name : _____

Square Root - Perfect Square

A) Find the values of the following.

1) $\sqrt{\frac{784}{25}}$

2) $\sqrt{\frac{1}{9}}$

3) $\sqrt{\frac{49}{81}}$

$\frac{28}{5}$ or $5\frac{3}{5}$

$\frac{1}{3}$

$\frac{7}{9}$

4) $\sqrt{\frac{900}{144}}$

5) $\sqrt{\frac{256}{100}}$

6) $\sqrt{\frac{625}{196}}$

$\frac{5}{2}$ or $2\frac{1}{2}$

$\frac{25}{14}$ or $1\frac{11}{14}$

B) Find the square roots of

1) $\frac{25}{121}$

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$\frac{400}{529}$

$\frac{5}{11}$

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$\frac{20}{23}$

4) $\frac{81}{36}$

$\frac{49}{100}$

$\frac{3}{2}$ or $1\frac{1}{2}$

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$\frac{7}{10}$

C) 1) Which of the following is the square root of $\frac{9}{400}$?

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