

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

## Square Root - Perfect Square

Fractions: S2

A) Find the values of the following.

1)  $\sqrt{\frac{4}{576}}$

2)  $\sqrt{\frac{169}{81}}$

3)  $\sqrt{\frac{676}{9}}$

4)  $\sqrt{\frac{361}{64}}$

5)  $\sqrt{\frac{25}{100}}$

6)  $\sqrt{\frac{400}{225}}$

B) Find the square roots of

1)  $\frac{529}{841}$

$\frac{784}{625}$

4)  $\frac{961}{36}$

$\frac{196}{784}$

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C) 1) Find the value of  $\sqrt{\frac{4}{9}}$ .

i)  $\frac{2}{3}$

ii)  $\frac{3}{4}$

iii)  $\frac{4}{3}$

iv)  $\frac{8}{18}$

2) Find the number, when multiplied by itself gives  $\frac{144}{361}$ .

i)  $\frac{6}{3}$

ii)  $\frac{12}{19}$

iii)  $\frac{19}{12}$

iv)  $\frac{18}{19}$