

Name : _____

Squaring Numbers

A) Find the values of the following.

1) $\left(\frac{8}{9}\right)^2$

2) $\left(\frac{5}{7}\right)^2$

3) $\left(\frac{10}{9}\right)^2$

4) $\left(\frac{1}{2}\right)^2$

5) $\left(\frac{5}{4}\right)^2$

6) $\left(\frac{9}{5}\right)^2$

B) Find the squares of the

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

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$\frac{7}{4}$

4) $\frac{15}{2}$

$\frac{1}{7}$

C) 1) What do we get when we multiply $\frac{7}{12}$ by itself ?

i) $\frac{7}{144}$

ii) $\frac{49}{24}$

iii) $\frac{14}{24}$

iv) $\frac{49}{144}$

2) Find the value of $\left(\frac{2}{9}\right)^2$.

i) $\frac{4}{18}$

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

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

iv) $\frac{18}{4}$

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Squaring Numbers

A) Find the values of the following.

1) $\left(\frac{8}{9}\right)^2$

$\frac{64}{81}$

2) $\left(\frac{5}{7}\right)^2$

$\frac{25}{49}$

3) $\left(\frac{10}{9}\right)^2$

$\frac{100}{81}$ or $1\frac{19}{81}$

4) $\left(\frac{1}{2}\right)^2$

$\frac{1}{4}$

5) $\left(\frac{5}{4}\right)^2$

6) $\left(\frac{9}{5}\right)^2$

$\frac{81}{25}$ or $3\frac{6}{25}$

B) Find the squares of the

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

$\frac{4}{81}$

4) $\frac{15}{2}$

$\frac{225}{4}$ or $56\frac{1}{4}$

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$\frac{7}{4}$

$\frac{49}{16}$ or $3\frac{1}{16}$

$\frac{1}{7}$

$\frac{1}{49}$

C) 1) What do we get when we multiply $\frac{7}{12}$ by itself ?

i) $\frac{7}{144}$

ii) $\frac{49}{24}$

iii) $\frac{14}{24}$

iv) $\frac{49}{144}$

2) Find the value of $\left(\frac{2}{9}\right)^2$.

i) $\frac{4}{18}$

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

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

iv) $\frac{18}{4}$