

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

## Squaring Numbers

A) Find the values of the following.

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

2)  $\left(\frac{7}{3}\right)^2$

3)  $\left(\frac{6}{25}\right)^2$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4)  $\left(\frac{5}{3}\right)^2$

5)  $\left(\frac{18}{7}\right)^2$

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

\_\_\_\_\_

\_\_\_\_\_

B) Find the squares of the

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

$\frac{9}{7}$

\_\_\_\_\_

\_\_\_\_\_

4)  $\frac{6}{17}$

$\frac{17}{9}$

\_\_\_\_\_

\_\_\_\_\_

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C) 1) Which of the following is the square of  $\frac{5}{2}$ ?

i)  $\frac{25}{4}$

ii)  $\frac{10}{2}$

iii)  $\frac{25}{2}$

iv)  $\frac{10}{4}$

2) Which of the following is equal to  $\left(\frac{1}{6}\right)^2$ ?

i)  $\frac{36}{6}$

ii)  $\frac{1}{12}$

iii)  $\frac{1}{36}$

iv)  $\frac{36}{12}$

**Squaring Numbers**

A) Find the values of the following.

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

2)  $\left(\frac{7}{3}\right)^2$

3)  $\left(\frac{6}{25}\right)^2$

$\frac{81}{4}$  or  $20\frac{1}{4}$

$\frac{49}{9}$  or  $5\frac{4}{9}$

$\frac{36}{625}$

4)  $\left(\frac{5}{3}\right)^2$

5)  $\left(\frac{18}{7}\right)^2$

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

$\frac{25}{9}$  or  $2\frac{7}{9}$

$\frac{4}{25}$

B) Find the squares of the

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

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$\frac{81}{49}$  or  $1\frac{32}{49}$

4)  $\frac{6}{17}$

$\frac{17}{9}$

$\frac{36}{289}$

$\frac{289}{81}$  or  $3\frac{46}{81}$

C) 1) Which of the following is the square of  $\frac{5}{2}$  ?

i)  $\frac{25}{4}$

ii)  $\frac{10}{2}$

iii)  $\frac{25}{2}$

iv)  $\frac{10}{4}$

2) Which of the following is equal to  $\left(\frac{1}{6}\right)^2$  ?

i)  $\frac{36}{6}$

ii)  $\frac{1}{12}$

iii)  $\frac{1}{36}$

iv)  $\frac{36}{12}$