

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

## Squaring Numbers

A) Find the values of the following.

1)  $(6\sqrt{7})^2$

2)  $(3\sqrt{22})^2$

3)  $(5\sqrt{34})^2$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4)  $(\sqrt{10})^2$

5)  $(2\sqrt{15})^2$

6)  $(4\sqrt{6})^2$

\_\_\_\_\_

\_\_\_\_\_

B) Find the squares of the

1)  $3\sqrt{13}$

$9\sqrt{5}$

\_\_\_\_\_

\_\_\_\_\_

4)  $6\sqrt{35}$

$\sqrt{46}$

\_\_\_\_\_

\_\_\_\_\_

C) 1) Find the value of  $(2\sqrt{40})^2$  ?

i) 160

ii) 80

iii) 42

iv) 82

2) What do we get when multiply  $\sqrt{2}$  by itself?

i)  $\sqrt{2}$

ii)  $\sqrt{4}$

iii) 4

iv) 2

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**Squaring Numbers**

A) Find the values of the following.

1)  $(6\sqrt{7})^2$

252

2)  $(3\sqrt{22})^2$

198

3)  $(5\sqrt{34})^2$

850

4)  $(\sqrt{10})^2$

10

5)  $(2\sqrt{15})^2$

198

6)  $(4\sqrt{6})^2$

96

B) Find the squares of the

1)  $3\sqrt{13}$

117

$9\sqrt{5}$

405

4)  $6\sqrt{35}$

1,260

$\sqrt{46}$

46

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