

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

96

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

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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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