

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

## Squaring Numbers

A) Find the values of the following.

1)  $(\sqrt{33})^2$

2)  $(5\sqrt{11})^2$

3)  $(2\sqrt{10})^2$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4)  $(3\sqrt{43})^2$

5)  $(8\sqrt{3})^2$

6)  $(\sqrt{29})^2$

\_\_\_\_\_

\_\_\_\_\_

B) Find the squares of the

1)  $3\sqrt{16}$

$2\sqrt{17}$

\_\_\_\_\_

\_\_\_\_\_

4)  $7\sqrt{4}$

$9\sqrt{31}$

\_\_\_\_\_

\_\_\_\_\_

C) 1) Which of the following is equal to  $(5\sqrt{48})^2$  ?

i) 101

ii)  $\sqrt{480}$

iii) 1,200

iv) 240

2) Find the value of  $(\sqrt{38})^2$ .

i) 40

ii) 38

iii) 76

iv)  $\sqrt{38}$

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**Squaring Numbers**

A) Find the values of the following.

1)  $(\sqrt{33})^2$

**33**

2)  $(5\sqrt{11})^2$

**275**

3)  $(2\sqrt{10})^2$

**40**

4)  $(3\sqrt{43})^2$

**387**

5)  $(8\sqrt{3})^2$

**275**

6)  $(\sqrt{29})^2$

**29**

B) Find the squares of the

1)  $3\sqrt{16}$

**144**

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$2\sqrt{17}$

**68**

4)  $7\sqrt{4}$

**196**

$9\sqrt{31}$

**2,511**

C) 1) Which of the following is equal to  $(5\sqrt{48})^2$  ?

i) 101

ii)  $\sqrt{480}$

iii) 1,200

iv) 240

2) Find the value of  $(\sqrt{38})^2$ .

i) 40

ii) 38

iii) 76

iv)  $\sqrt{38}$