

Name : _____

Squaring Numbers

A) Find the values of the following.

1) $(2\sqrt{3})^2$

2) $(4\sqrt{15})^2$

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

4) $(5\sqrt{31})^2$

5) $(\sqrt{41})^2$

6) $(7\sqrt{11})^2$

B) Find the squares of the

1) $\sqrt{43}$

$2\sqrt{37}$

4) $4\sqrt{23}$

$10\sqrt{26}$

C) 1) Which of the following is the square of $\sqrt{35}$?

i) 70

ii) 35

iii) 1,225

iv) 53

2) Which of the following is equal to $(5\sqrt{24})^2$?

i) 600

ii) 240

iii) 120

iv) 576

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Squaring Numbers

A) Find the values of the following.

1) $(2\sqrt{3})^2$

12

2) $(4\sqrt{15})^2$

240

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

45

4) $(5\sqrt{31})^2$

775

5) $(\sqrt{41})^2$

240

6) $(7\sqrt{11})^2$

539

B) Find the squares of the

1) $\sqrt{43}$

43

$2\sqrt{37}$

148

4) $4\sqrt{23}$

368

$10\sqrt{26}$

2,600

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