

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

## Square Root

ES1

A) Write in the simplest radical form.

1)  $\sqrt{8}$

\_\_\_\_\_

2)  $\sqrt{162}$

\_\_\_\_\_

3)  $\sqrt{45}$

\_\_\_\_\_

4)  $\sqrt{847}$

\_\_\_\_\_

5)  $\sqrt{27}$

\_\_\_\_\_

6)  $\sqrt{224}$

\_\_\_\_\_

7)  $\sqrt{425}$

\_\_\_\_\_

8)  $\sqrt{735}$

\_\_\_\_\_

9)  $\sqrt{243}$

\_\_\_\_\_

B) 1) Which of the following is the simplest radical form of  $\sqrt{600}$  ?

i)  $3\sqrt{10}$

ii)  $10\sqrt{6}$

iii)  $6\sqrt{10}$

iv)  $20\sqrt{3}$

2) Find the value of  $\sqrt{76}$ .

i)  $5\sqrt{19}$

ii)  $2\sqrt{38}$

iii)  $2\sqrt{19}$

iv)  $4\sqrt{19}$