



Radicals - Addition Under Squared Radical to Integer

1

Simplify the radical.

$$\sqrt{12 + 37}$$

A

8

B

7

C

5

D

 $6\sqrt{4}$

E

 $5\sqrt{3}$

2

Simplify the radical.

$$\sqrt{22 + 14}$$

A

6

B

 $8\sqrt{4}$

C

 $3\sqrt{2}$

D

8

E

3

3

Simplify the radical.

$$\sqrt{54 - 5}$$

A

10

B

4

C

9

D

7

E

 $9\sqrt{2}$

4

Simplify the radical.

$$\sqrt{3 + 22}$$

A

5

B

3

C

1

D

 $4\sqrt{2}$

5

Simplify the radical.

$$\sqrt{78 - 14}$$

A

4

B

8

C

11

D

 $11\sqrt{2}$

E

10

6

Simplify the radical.

$$\sqrt{50 - 1}$$

A

 $7\sqrt{4}$

B

7

C

 $10\sqrt{2}$

D

 $8\sqrt{4}$

E

3

7

Simplify the radical.

$$\sqrt{111 - 11}$$

A

6

B

9

C

10

D

8

E

 $8\sqrt{3}$

8

Simplify the radical.

$$\sqrt{63 - 14}$$

A

10

B

4

C

 $4\sqrt{4}$

D

7