



Radicals - Addition Under Squared Radical Plus Integer to Integer

1

Simplify the radical.

$$1 + \sqrt{15 + 10}$$

A $1 + \sqrt{4}$ B $1 + \sqrt{5}$ C **7** D **10** E **6**

2

Simplify the radical.

$$3 + \sqrt{24 + 12}$$

A $3 + \sqrt{3}$ B **6** C **4** D $3 + \sqrt{4}$ E **9**

3

Simplify the radical.

$$3 + \sqrt{2 + 34}$$

A $3 + \sqrt{2}$ B **9** C $3 + \sqrt{3}$ D **10** E **2**

4

Simplify the radical.

$$4 + \sqrt{1 + 3}$$

A $4 + \sqrt{4}$ B **2** C **6** D $4 + \sqrt{3}$ E $4 + \sqrt{5}$

5

Simplify the radical.

$$1 + \sqrt{1 + 3}$$

A **5** B **3** C **10** D $1 + \sqrt{3}$ E $1 + \sqrt{5}$

6

Simplify the radical.

$$2 + \sqrt{2 + 2}$$

A **4** B $2 + \sqrt{5}$ C $2 + \sqrt{3}$ D $2 + \sqrt{2}$ E **5**

7

Simplify the radical.

$$2 + \sqrt{21 + 4}$$

A $2 + \sqrt{3}$ B **7** C **2** D $2 + \sqrt{4}$ E **5**

8

Simplify the radical.

$$1 + \sqrt{4 + 5}$$

A $1 + \sqrt{2}$ B $1 + \sqrt{4}$ C **6** D $1 + \sqrt{5}$ E **4**