



Radicals - Square - Simplifying from Factors, Values only, Radical Remaining

1

Simplify the radical

$$\sqrt{3 \cdot 3 \cdot 11}$$

A	B	C	D	E
$5\sqrt{13}$	$3\sqrt{11}$	$3\sqrt{12}$	$5\sqrt{7}$	$\sqrt{14}$

2

Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 2}$$

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

3

Simplify the radical

$$\sqrt{3 \cdot 3 \cdot 3}$$

A	B	C	D	E
$\sqrt{4}$	$\sqrt{6}$	$3\sqrt{3}$	1	$5\sqrt{3}$

A	B	C	D	E
$5\sqrt{5}$	$2\sqrt{8}$	$6\sqrt{5}$	$4\sqrt{6}$	$2\sqrt{3}$

4

Simplify the radical

$$\sqrt{5 \cdot 5 \cdot 5}$$

5

Simplify the radical

$$\sqrt{5 \cdot 5 \cdot 11}$$

A	B	C	D	E
$6\sqrt{13}$	$7\sqrt{14}$	$3\sqrt{14}$	$6\sqrt{14}$	$5\sqrt{11}$

A	B	C	D
$4\sqrt{14}$	$4\sqrt{8}$	$2\sqrt{11}$	$\sqrt{9}$

6

Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 11}$$

7

Simplify the radical

$$\sqrt{2 \cdot 2 \cdot 2 \cdot 2 \cdot 11}$$

A	B	C	D	E
$2\sqrt{12}$	$2\sqrt{14}$	$4\sqrt{11}$	$\sqrt{13}$	$5\sqrt{11}$