



Radicals - Square - Simplify From Squared Factors, Values only, Radical

Remaining

1 Simplify the radical

$\sqrt{2 \cdot 3^2}$

A	B	C
6	$\sqrt{3}$	$2\sqrt{2}$
D	E	
1	$3\sqrt{2}$	

2 Simplify the radical

$\sqrt{2^2 \cdot 7}$

A	B	C
$2\sqrt{7}$	$3\sqrt{10}$	$\sqrt{8}$
D	E	
$3\sqrt{4}$	$5\sqrt{4}$	

3 Simplify the radical

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

A	B	C	D	E
$2\sqrt{10}$	$4\sqrt{11}$	$4\sqrt{10}$	$3\sqrt{8}$	$7\sqrt{14}$

4 Simplify the radical

$\sqrt{3^2 \cdot 3}$

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

5 Simplify the radical

$\sqrt{2^2 \cdot 3}$

A	B	C
$2\sqrt{3}$	$\sqrt{4}$	$\sqrt{2}$
D	E	
$\sqrt{3}$	1	

6 Simplify the radical

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

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

7 Simplify the radical

$\sqrt{5^2 \cdot 5}$

A	B	C
$7\sqrt{8}$	$3\sqrt{3}$	$5\sqrt{5}$
D	E	
$4\sqrt{5}$	5	

8 Simplify the radical

$\sqrt{3 \cdot 5^2}$

A	B	C
$5\sqrt{3}$	$8\sqrt{2}$	1
D	E	
$4\sqrt{3}$	$4\sqrt{5}$	