



Radicals - Square - Simplifying, Values only, Radical Remaining

1 Simplify the radical

$$\sqrt{275}$$

- | | | |
|--------------|--------------|--------------|
| A | B | C |
| $5\sqrt{11}$ | $6\sqrt{14}$ | $2\sqrt{12}$ |
| D | E | |
| $5\sqrt{7}$ | $\sqrt{11}$ | |

2 Simplify the radical

$$\sqrt{80}$$

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

3 Simplify the radical

$$\sqrt{27}$$

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

4 Simplify the radical

$$\sqrt{48}$$

- | | | |
|------------|-------------|-------------|
| A | B | C |
| 1 | $6\sqrt{5}$ | $4\sqrt{3}$ |
| D | E | |
| $\sqrt{3}$ | 7 | |

5 Simplify the radical

$$\sqrt{99}$$

- | | | |
|--------------|--------------|--------------|
| A | B | C |
| $6\sqrt{8}$ | $5\sqrt{12}$ | $5\sqrt{10}$ |
| D | E | |
| $3\sqrt{11}$ | $3\sqrt{8}$ | |

6 Simplify the radical

$$\sqrt{112}$$

- | | | |
|--------------|-------------|-------------|
| A | B | C |
| $5\sqrt{4}$ | $\sqrt{9}$ | $4\sqrt{7}$ |
| D | E | |
| $6\sqrt{10}$ | $6\sqrt{4}$ | |

7 Simplify the radical

$$\sqrt{45}$$

- | | | |
|-------------|-------------|-------------|
| A | B | C |
| $5\sqrt{4}$ | $2\sqrt{6}$ | $5\sqrt{7}$ |
| D | E | |
| $3\sqrt{2}$ | $3\sqrt{5}$ | |