



## Radicals - Division with Common Factor - 1 Term over 2 Terms to Integer

**1** What integer does this radical expression simplify to?

$$\frac{\sqrt{125}}{\sqrt{45} + \sqrt{20}}$$

|   |   |   |
|---|---|---|
| A | B | C |
| 7 | 4 | 2 |
| D | E | F |
| 5 | 1 | 3 |

**2** What integer does this radical expression simplify to?

$$\frac{\sqrt{125}}{\sqrt{20} + \sqrt{45}}$$

|   |   |   |
|---|---|---|
| A | B | C |
| 9 | 1 | 5 |
| D | E | F |
| 4 | 6 | 7 |

**3** What integer does this radical expression simplify to?

$$\frac{\sqrt{147}}{\sqrt{75} + \sqrt{12}}$$

|   |   |   |
|---|---|---|
| A | B | C |
| 8 | 3 | 4 |
| D | E | F |
| 5 | 2 | 1 |

**4** What integer does this radical expression simplify to?

$$\frac{\sqrt{147}}{\sqrt{12} + \sqrt{75}}$$

|   |   |    |
|---|---|----|
| A | B | C  |
| 3 | 5 | 10 |
| D | E | F  |
| 4 | 1 | 9  |

**5** What integer does this radical expression simplify to?

$$\frac{\sqrt{27}}{\sqrt{3} + \sqrt{12}}$$

|   |   |   |
|---|---|---|
| A | B | C |
| 1 | 6 | 8 |
| D | E | F |
| 9 | 3 | 7 |

**6** What integer does this radical expression simplify to?

$$\frac{\sqrt{44}}{\sqrt{11} + \sqrt{11}}$$

|   |   |   |
|---|---|---|
| A | B | C |
| 2 | 9 | 1 |
| D | E | F |
| 4 | 8 | 7 |