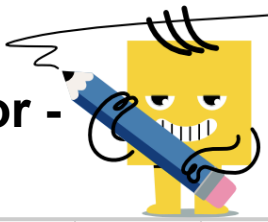
Name

Radicals - Division with Common Factor - 1 Term over 1 Term to Fraction



1 What does this radical expression simplify to?

$$\frac{\sqrt{18}}{\sqrt{8}}$$

A $\frac{3}{2}$ B $\frac{1}{4}$ C $\frac{2}{7}$ D $\frac{5}{6}$ E 1

2 What does this radical expression simplify to?

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

A $\frac{13}{4}$ B $\frac{14}{13}$ C $\frac{7}{5}$ D $\frac{4}{11}$

3 What does this radical expression simplify to?

$$\frac{\sqrt{8}}{\sqrt{98}}$$

A $\frac{2}{9}$ B $\frac{2}{17}$ C $\frac{2}{7}$ D $\frac{1}{12}$ E $\frac{1}{3}$

4 What does this radical expression simplify to?

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

A 1 B $\frac{4}{3}$ C $\frac{10}{3}$ D $\frac{6}{5}$ E $\frac{5}{3}$

5 What does this radical expression simplify to?

$$\frac{\sqrt{63}}{\sqrt{28}}$$

A $\frac{4}{5}$ B $\frac{3}{4}$ C 1 D $\frac{3}{2}$

6 What does this radical expression simplify to?

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

A $\frac{2}{7}$ B $\frac{3}{17}$ C 1 D $\frac{5}{7}$ E $\frac{3}{5}$

7 What does this radical expression simplify to?

$$\frac{\sqrt{27}}{\sqrt{147}}$$

A 2 B $\frac{2}{7}$ C $\frac{3}{7}$ D $\frac{1}{2}$ E $\frac{2}{5}$

8 What does this radical expression simplify to?

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

A $\frac{9}{7}$ B 1 C $\frac{14}{3}$ D $\frac{7}{2}$