Name

1 What does this radical expression simplify to?

$$\frac{9}{\sqrt{9^3}}$$

A $\dfrac{12}{29}$ B $\dfrac{15}{43}$ C $\dfrac{9}{35}$ D $\dfrac{1}{3}$ E $\dfrac{1}{18}$

2 What does this radical expression simplify to?

$$\frac{16}{\sqrt[3]{8^4}}$$

A $\dfrac{15}{29}$ B 2 C $\dfrac{12}{13}$ D $\dfrac{14}{9}$ E 1

3 What does this radical expression simplify to?

$$\frac{27}{\sqrt[3]{64^3}}$$

A $\dfrac{27}{50}$ B $\dfrac{25}{32}$ C $\dfrac{27}{64}$ D $\dfrac{1}{7}$ E $\dfrac{3}{73}$

4 What does this radical expression simplify to?

$$\frac{9}{\sqrt{16^2}}$$

A $\dfrac{9}{16}$ B $\dfrac{13}{5}$ C $\dfrac{5}{7}$ D $\dfrac{3}{13}$ E $\dfrac{9}{32}$

5 What does this radical expression simplify to?

$$\frac{16}{\sqrt{16^3}}$$

A $\dfrac{1}{4}$ B $\dfrac{11}{28}$ C $\dfrac{1}{12}$ D $\dfrac{25}{52}$ E $\dfrac{1}{2}$

6 What does this radical expression simplify to?

$$\frac{4}{\sqrt{27^2}}$$

A $\dfrac{4}{27}$ B $\dfrac{5}{16}$ C $\dfrac{8}{15}$ D $\dfrac{1}{21}$ E $\dfrac{1}{5}$

7 What does this radical expression simplify to?

$$\frac{81}{\sqrt{27^2}}$$

A $\dfrac{11}{4}$ B 38 C 3 D $\dfrac{77}{9}$ E $\dfrac{27}{22}$

8 What does this radical expression simplify to?

$$\frac{81}{\sqrt{36^3}}$$

A $\dfrac{30}{107}$ B $\dfrac{66}{19}$ C $\dfrac{47}{62}$ D $\dfrac{162}{11}$ E $\dfrac{3}{8}$