mobius

Radicals - Division with Mixed Index and Power of Radicand (Integer) - Radical over Radical

1 What integer does this radical expression simplify to?

$$\frac{\sqrt[3]{81^3}}{\sqrt{81^2}}$$

A	B	C
3	6	8
D	E	F
4	1	9

2 What integer does this radical expression simplify to?

$$\frac{\sqrt[3]{64^3}}{\sqrt{16^3}}$$

A	B	C
1	2	9
D	E	F
7	6	3

3 What integer does this radical expression simplify to?

$$\frac{\sqrt[3]{16^3}}{\sqrt{16^2}}$$

A	B	C
3	6	5
D	E	F
1	9	7

4 What integer does this radical expression simplify to?

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

A	B	C
2	11	5
D	E	F
4	1	7

5 What integer does this radical expression simplify to?

$$\frac{\sqrt{32^2}}{\sqrt[3]{8^2}}$$

A	B	C
8	13	12
D	E	F
4	6	7

6 What integer does this radical expression simplify to?

$$\frac{\sqrt[3]{8^5}}{\sqrt{4^4}}$$

A	B	C
7	2	8
D	E	F
11	3	5

7 What integer does this radical expression simplify to?

$$\frac{\sqrt[3]{64^2}}{\sqrt{4^3}}$$

A	B	C
5	3	8
D	E	F
2	1	7

8 What integer does this radical expression simplify to?

$$\frac{\sqrt{9^4}}{\sqrt[3]{27^4}}$$

A	B	C
1	3	5
D	E	F
2	8	9