Name

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

1 What integer does this radical expression simplify to?

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

A	B	C
1	10	6
D	E	F
3	4	7

2 What integer does this radical expression simplify to?

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

A	B	C
6	4	2
D	E	F
7	5	1

3 What integer does this radical expression simplify to?

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

A	B	C
5	2	4
D	E	F
3	1	10

4 What integer does this radical expression simplify to?

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

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

5 What integer does this radical expression simplify to?

$$\frac{\sqrt[2]{32^2}}{\sqrt[3]{4^3}}$$

A	B	C
11	15	16
D	E	F
8	2	4

6 What integer does this radical expression simplify to?

$$\frac{\sqrt[3]{64^2}}{\sqrt[2]{8^2}}$$

A	B	C
3	1	2
D	E	F
4	6	11

7 What integer does this radical expression simplify to?

$$\frac{\sqrt[2]{36^3}}{\sqrt[3]{36^3}}$$

A	B	C
7	6	10
D	E	F
1	3	8

8 What integer does this radical expression simplify to?

$$\frac{\sqrt[2]{4^5}}{\sqrt[3]{8^4}}$$

A	B	C
8	7	11
D	E	F
1	2	3