



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

### over Radical

1 What integer does this radical expression simplify to?

$$\frac{32}{\sqrt{4^3}}$$

A	B	C
13	1	4
D	E	F
12	7	10

2 What integer does this radical expression simplify to?

$$\frac{32}{\sqrt{4^4}}$$

A	B	C
2	3	8
D	E	F
10	7	5

3 What integer does this radical expression simplify to?

$$\frac{81}{\sqrt{9^4}}$$

A	B	C
7	3	1
D	E	F
9	4	2

4 What integer does this radical expression simplify to?

$$\frac{32}{\sqrt[3]{8^5}}$$

A	B	C
9	1	8
D	E	F
5	3	4

5 What integer does this radical expression simplify to?

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

A	B	C
2	9	3
D	E	F
4	5	7

6 What integer does this radical expression simplify to?

$$\frac{32}{\sqrt{32^2}}$$

A	B	C
8	10	6
D	E	F
1	4	7

7 What integer does this radical expression simplify to?

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

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

8 What integer does this radical expression simplify to?

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

A	B	C
20	23	9
D	E	F
25	24	16