



Radicals - Multiplying Monomials (Values Only) over Fraction



1 Multiply the radical expressions and simplify the answer

$$\sqrt{275} \cdot \sqrt{12}$$

A $20\sqrt{33}$

B 10

C $10\sqrt{33}$

2 Multiply the radical expressions and simplify the answer

$$\sqrt{63} \cdot \sqrt{8}$$

$$\frac{3}{5}$$

A

$10\sqrt{14}$

B

$16\sqrt{14}$

C

1

D

$6\sqrt{14}$

3 Multiply the radical expressions and simplify the answer

$$\sqrt{125} \cdot \sqrt{32}$$

$$\frac{5}{2}$$

A

$100\sqrt{10}$

B

$3\sqrt{10}$

C

$20\sqrt{10}$

D

$8\sqrt{10}$

E

20

4 Multiply the radical expressions and simplify the answer

$$\sqrt{80} \cdot \sqrt{28}$$

$$\frac{2}{3}$$

A

$8\sqrt{35}$

B

8

C

$12\sqrt{35}$

D

1

5 Multiply the radical expressions and simplify the answer

$$\sqrt{27} \cdot \sqrt{28}$$

$$\frac{3}{2}$$

A

$6\sqrt{21}$

B

6

C

$4\sqrt{21}$

D

$12\sqrt{21}$

6 Multiply the radical expressions and simplify the answer

$$\sqrt{63} \cdot \sqrt{32}$$

$$\frac{3}{2}$$

A

$5\sqrt{14}$

B

$8\sqrt{14}$

C

$48\sqrt{14}$

D

$12\sqrt{14}$

7 Multiply the radical expressions and simplify the answer

$$\sqrt{125} \cdot \sqrt{28}$$

$$\frac{5}{2}$$

A

$\sqrt{35}$

B

$10\sqrt{35}$

C

$4\sqrt{35}$

D

1

8 Multiply the radical expressions and simplify the answer

$$\sqrt{12} \cdot \sqrt{75}$$

$$\frac{3}{5}$$

A

50

B

1

C

30