

Simplifying Radicals Scavenger Hunt

A*Previous Answer:*

$$30\sqrt{6x}$$

Simplify the following:

$$\sqrt{80x^3}$$

B*Previous Answer:*

$$12x\sqrt{21}$$

Simplify the following:

$$\sqrt{98x^4y^2}$$

C*Previous Answer:*

$$10x^2\sqrt{2y}$$

Simplify the following:

$$\sqrt{147x^3y^2}$$

D*Previous Answer:*

$$12x^2y\sqrt{3}$$

Simplify the following:

$$\sqrt{75x^2y}$$

E*Previous Answer:*

$$4xy\sqrt{2y}$$

Simplify the following:

$$\sqrt{16x^4y^3}$$

F*Previous Answer:*

$$15y\sqrt{2x}$$

Simplify the following:

$$\sqrt{216x^4}$$

G*Previous Answer:*

$$7x^2y\sqrt{2}$$

Simplify the following:

$$\sqrt{100x^3}$$

H*Previous Answer:*

$$4x^2y\sqrt{y}$$

Simplify the following:

$$\sqrt{90x^2}$$

I*Previous Answer:*

$$8xy\sqrt{2xy}$$

Simplify the following:

$$\sqrt{200x^4y}$$

J*Previous Answer:*

$$30y\sqrt{3x}$$

Simplify the following:

$$\sqrt{128x^3y^3}$$

K*Previous Answer:*

$$16x\sqrt{2x}$$

Simplify the following:

$$\sqrt{450xy^2}$$

L*Previous Answer:*

$$6x\sqrt{6x}$$

Simplify the following:

$$\sqrt{72x^2y^3}$$

M*Previous Answer:*

$$6x^2\sqrt{6}$$

Simplify the following:

$$6\sqrt{150x}$$

N*Previous Answer:*

$$16x\sqrt{6x}$$

Simplify the following:

$$2\sqrt{125x}$$

O*Previous Answer:*

$$7xy\sqrt{3x}$$

Simplify the following:

$$5\sqrt{16x^2y^4}$$

P*Previous Answer:*

$$3x\sqrt{10}$$

Simplify the following:

$$6\sqrt{75xy^2}$$

R*Previous Answer:*

$$4x\sqrt{5x}$$

Simplify the following:

$$8\sqrt{24x^3}$$

S*Previous Answer:*

$$6y\sqrt{3xy}$$

Simplify the following:

$$2\sqrt{8x^2y^3}$$

T*Previous Answer:*

$$36xy\sqrt{3y}$$

Simplify the following:

$$3\sqrt{48x^4y^2}$$

U*Previous Answer:*

$$5x\sqrt{3y}$$

Simplify the following:

$$3\sqrt{96x^2y^4}$$

V*Previous Answer:*

$$10x\sqrt{x}$$

Simplify the following:

$$4\sqrt{243x^2y^3}$$

W*Previous Answer:*

$$20xy^2$$

Simplify the following:

$$6\sqrt{84x^2}$$

X*Previous Answer:*

$$12xy^2\sqrt{6}$$

Simplify the following:

$$\sqrt{512x^3}$$

Y*Previous Answer:*

$$6xy\sqrt{2y}$$

Simplify the following:

$$\sqrt{108xy^3}$$

Z*Previous Answer:*

$$10\sqrt{5x}$$

Simplify the following:

$$3\sqrt{24x^3}$$