

✓ ONE

Match each problem with equivalent meanings from each column

1. $\sqrt[3]{(6x^3)^2}$	A. $(6x^3)^{1/2}$	I. $x^{8/4} = x^2$
2. $x^{4/5}$	B. $(x^6y^{12})^{1/3}$	J. $x^3y^6$
3. $\sqrt{6x^3}$	C. $\sqrt{x^6y^{12}}$	K. $(\sqrt[5]{x})^4$
4. $\sqrt{x^2y^4}$	D. $\sqrt[3]{36x^6}$	L. $x^{2/2}y^{4/2} = x^1y^2$
5. $\sqrt[4]{x^8}$	E. $(x^8)^{1/4}$	M. $\sqrt[5]{64x^4y^2}$
6. $(x^6y^{12})^{1/2}$	F. $\sqrt[5]{x^4}$	N. $x^{6/3}y^{12/3} = x^2y^4$
7. $(8x^2y)^{2/5}$	G. $(x^2y^4)^{1/2}$	O. $\sqrt{6}x^{3/2}$
8. $\sqrt[3]{x^6y^{12}}$	H. $\sqrt[5]{(8x^2y)^2}$	P. $(36x^6)^{1/3}$

1. \_\_\_\_\_, \_\_\_\_\_

5. \_\_\_\_\_, \_\_\_\_\_

2. \_\_\_\_\_, \_\_\_\_\_

6. \_\_\_\_\_, \_\_\_\_\_

3. \_\_\_\_\_, \_\_\_\_\_

7. \_\_\_\_\_, \_\_\_\_\_

4. \_\_\_\_\_, \_\_\_\_\_

8. \_\_\_\_\_, \_\_\_\_\_