

## Indices Revision

Match up each expression from the first column with its partner from the second column, and write the answers in the table below

First column				Second column			
1	$\sqrt{x}$	11	$\frac{1}{x^2} \times \frac{1}{x^3}$	A	$x^{-\frac{3}{2}}$	K	$x^{-\frac{1}{2}}$
2	$\frac{1}{x}$	12	$(\sqrt[3]{x})^2$	B	$\frac{1}{2}x^{-3}$	L	$x^{\frac{9}{2}}$
3	$\frac{1}{\sqrt{x}}$	13	$\sqrt{x^7}$	C	$\frac{1}{2}x^{-1}$	M	$x^{-2}$
4	$\sqrt[3]{x}$	14	$\sqrt{\left(\frac{1}{x^8}\right)}$	D	$x^{-4}$	N	$x^{\frac{3}{2}}$
5	$\frac{1}{x^2}$	15	$\frac{1}{\sqrt{x^{-8}}}$	E	$x^{-1}$	O	$2x^{-1}$
6	$\frac{1}{2x^3}$	16	$x \times \sqrt{x \times x^6}$	F	$\frac{1}{2}x$	P	$x^{\frac{1}{2}}$
7	$\frac{2}{x^3}$	17	$\sqrt{\left(\frac{4}{x^2}\right)}$	G	$x^4$	Q	$x^{-5}$
8	$x\sqrt{x}$	18	$\sqrt{\left(\frac{1}{4x^2}\right)}$	H	$x^2$	R	$x^{\frac{2}{3}}$
9	$\frac{\sqrt{x}}{x^2}$	19	$\sqrt{\left(\frac{x^2}{4}\right)}$	I	$2x$	S	$2x^{-3}$
10	$\frac{1}{x^{-2}}$	20	$\sqrt{4x^2}$	J	$x^{\frac{1}{3}}$	T	$x^{\frac{7}{2}}$

**Table for Answers:**