Dividing Radic
Corlebreaker

| A | B | C | D | E | F | G | H | I | J | K | L | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 6 | 2 | $\sqrt{6}$ | 3 | $\frac{\sqrt{5}}{\sqrt{2}}$ | $\sqrt{2}$ | $\sqrt{18}$ | $3 \sqrt{2}$ | 7 | $\sqrt{3}$ | $\frac{1}{2}$ | $\sqrt{7}$ |


| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\sqrt{5}$ | $2 \sqrt{5}$ | 8 | $\frac{\sqrt{2}}{\sqrt{5}}$ | $\frac{3}{5}$ | $\frac{1}{16}$ | 5 | $\frac{5}{3}$ | 1 | $5 \sqrt{7}$ | $\frac{1}{2}$ | $5 \sqrt{3}$ | 18 |

Work out the questions below. Match your answer to a letter in the table above to complete the code in the five boxes at the bottom.
(1) $\frac{\sqrt{10}}{\sqrt{2}}$
(2) $\frac{\sqrt{15}}{\sqrt{6}}$
(3) $\frac{\sqrt{12}}{\sqrt{3}}$
(4) $\sqrt{15} \div \sqrt{5}$
(5) $\sqrt{2} \div \sqrt{2}$
(6) $\sqrt{21} \div \sqrt{3}$
(7) $3 \sqrt{28} \div \sqrt{7}$
(8) $\sqrt{48} \div \sqrt{8}$
(9) $\frac{3 \sqrt{18}}{\sqrt{2}}$
(10) $\frac{48 \sqrt{27}}{8 \sqrt{3}}$
(11) $\frac{\sqrt{10} \sqrt{32}}{\sqrt{5}}$
(12) $\frac{\sqrt{14} \sqrt{7}}{\sqrt{2}}$
(13) $\frac{\sqrt{35} \sqrt{5}}{\sqrt{7}}$
(14) $\sqrt{\frac{1}{4}}$
(15) $\sqrt{\frac{9}{25}}$


## SOLUTION



Work out the questions below. Match your answer to a letter in the table above to complete the code in the five boxes at the bottom.
(1) $\begin{gathered}\frac{\sqrt{10}}{\sqrt{2}} \\ \sqrt{5}\end{gathered}$
(2) $\frac{\sqrt{15}}{\sqrt{6}}$
$\frac{\sqrt{5}}{\sqrt{2}}$
(3) $\frac{\sqrt{12}}{\sqrt{3}}$

2
(4) $\sqrt{15} \div \sqrt{5}$
$\sqrt{3}$
(5) $\sqrt{2} \div \sqrt{2}$ 1
(6) $\sqrt{21} \div \sqrt{3}$
(7) $3 \sqrt{28} \div \sqrt{7}$
(8) $\sqrt{48} \div \sqrt{8}$
(9) $\frac{3 \sqrt{18}}{\sqrt{2}}$
(10) $\frac{48 \sqrt{27}}{8 \sqrt{3}}$
$\sqrt{6}$
9
18
11
$\frac{\sqrt{10} \sqrt{32}}{\sqrt{5}}$
(12) $\frac{\sqrt{14} \sqrt{7}}{\sqrt{2}}$
(13) $\frac{\sqrt{35} \sqrt{5}}{\sqrt{7}}$
$14 \sqrt{\frac{1}{4}}$
(15) $\sqrt{\frac{9}{25}}$

5
G-F-C|K-V-M|B-D-A|Z-P-S|T-L-R







