

Dividing Decimals

5th Grade

Move both points the same number of places, then divide normally.

You can multiply both numbers by 10 as many times as you like — the answer does not change.

1 LOOK AT THE DIVISOR

The number you are dividing BY. Is it a decimal?

2 MOVE ITS POINT TO THE END

1.2 becomes 12 — that is one move.

3 MOVE THE OTHER POINT THE SAME

Whatever you did to one, do to the other.

4 DIVIDE AS NORMAL

The decimal point in the answer sits above the one inside.

WORKED: $4.8 \div 1.2$

Move both one place: $48 \div 12$

$48 \div 12 = 4$

Answer: 4

Moving both points multiplies both by ten. The ratio between them is untouched.