

DECIMAL DIVISION GUIDE

Fifth Grade Mathematics Reference Chart

Step 1: Dividing by a Whole Number

Place the decimal point in the quotient directly above the decimal point in the dividend. Divide as you would with whole numbers.

Step 2: Dividing by a Decimal

Move the decimal point in the divisor to the right to make it a whole number. Move the decimal point in the dividend the **same** number of places.

Decimal ÷ Whole	$12.6 \div 3 = 4.2$	Keep the decimal lined up.
Whole ÷ Decimal	$5 \div 0.5 = 10$	Add zeros as placeholders.
Decimal ÷ Decimal	$0.45 \div 0.05 = 9$	Shift decimal right in both.
Powers of 10	$45.8 \div 100 = 0.458$	Move decimal left .

Visual Reminder: The "Jump" Method

$$0.25 \overline{) 1.25}$$

becomes

$$25 \overline{) 125}$$