

DIVIDING DECIMALS BY WHOLES

SHEET : I

LET'S LEARN

Follow these **steps to divide** a decimal by a whole number.

1. Place the decimal point in the quotient directly above the decimal point in the dividend.
2. Divide the same way you would divide with whole numbers.
3. Divide until there is no remainder, or until the quotient begins to repeat in a pattern.

For example :

Let's try it with : $15.6 \div 6$

- Place the decimal point in the quotient directly above the decimal point in the dividend.

$$6 \overline{)15.6}$$

- Divide the same way you would divide with whole numbers.

$$\begin{array}{r} 2.6 \\ 6 \overline{)15.6} \\ \underline{-12} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

LET'S APPLY

$$60.5 \div 5$$

$$13.3 \div 7$$

$$40.8 \div 6$$

$$14.28 \div 2$$

$$16.44 \div 4$$

$$6.12 \div 9$$

$$0.176 \div 16$$

$$1.798 \div 4$$

$$337.7 \div 5$$

$$0.119 \div 7$$

$$12.065 \div 5$$

$$0.528 \div 6$$

$$701.2 \div 4$$

$$1.4 \div 8$$

$$0.143 \div 11$$

$$34.5 \div 15$$

$$2.12 \div 40$$

$$2.176 \div 8$$

$$9.927 \div 9$$

$$0.16024 \div 4$$
