DIVIDING DECIMALS

To divide decimals by whole numbers:

- complete as you would normally with any other division question
- the decimal point in the quotient goes directly above the decimal point in the dividend

For example: $60.524 \div 4$

$$\frac{15.131}{4)6^20.5^124}$$

To divide decimals by decimals:

- change the divisor into a whole number
- whatever change is made to the divisor must also be made to the dividend

For example: $24.56 \div 0.2$

$\times 10$ $\times 10$

$24.56 \div 0.2 = 245.6 \div 2$ $0.2 \times 10 = 2$ (which is a whole number)

$= 122.8$ Therefore, multiply 24.56 by 10.