YEAR 5 Decimals

Key Vocabulary		
Decimal	Complement	Add
Subtract	Decimal places	Tenths
Hundredths	Thousandths	Multiply
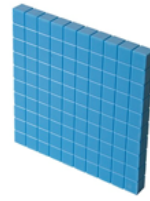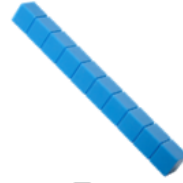
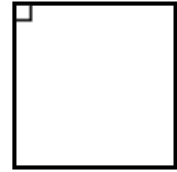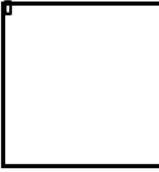Hundreds | Tens | Ones | Decimal Point | tenths | hundredths | thousandths
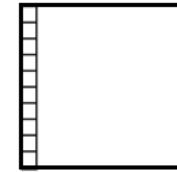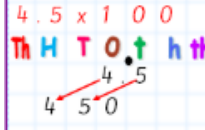
Decimal points lined up	(Incorrect) Lining up the digits from the right side
$\begin{array}{r} 12.5 \\ + 6.23 \\ \hline 18.73 \end{array}$ ✔	$\begin{array}{r} 12.5 \\ + 6.23 \\ \hline 7.48 \end{array}$ ✘

Multiply numbers by 10, 100 and 1000

4.5 x 1 0 — Makes the number 10 times bigger. Move each digit one place to the left.

4.5 x 1 0 0 — Makes the number 100 times bigger. Move each digit two places to the left.

4.5 x 1 0 0 0 — Makes the number 1000 times bigger. Move each digit three places to the left.

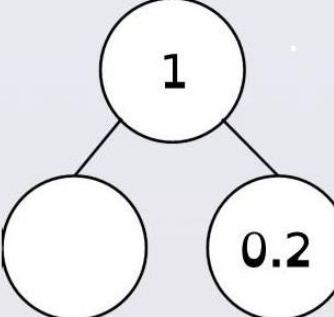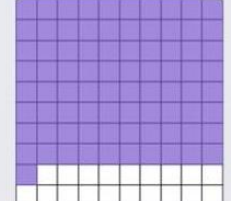## Divide number by 10, 100 and 1000

4 5 7 ÷ 1 0 — Makes the number 10 times smaller. Move each digit one place to the right.

4 5 7 ÷ 1 0 0 — Makes the number 100 times smaller. Move each digit two places to the right.

4 5 7 ÷ 1 0 0 0 — Makes the number 1000 times smaller. Move each digit three places to the right.

Complements to 1

1

0.2

$0.81 + \underline{} = 1$

Write the rule for each sequence.

$+ 0.3$ $+ 0.3$

0.4,   0.7,   1,   1.3,   1.6