KS2 Study Club

Maths Week 4 Workbook

Questions

KS2 Study Club

Topics

Welcome to week 4 of your 10 week Study Club!

Every week you'll get a practice workbook to work through a range of topics, taken from our KS2 Maths Intermediate Course.

We've also included links to 2 of our expert tutorial videos on some of these exact questions. That way, if you get stuck, you can try watching one of our tutorial videos with our Maths expert Patricia. For <u>full access to all of the corresponding videos</u> sign up for a SchoolOnline subscription from £8.99 a month.

In next week's email we'll send you the answers to this workbook to download *PLUS* a brand new workbook to practice.

Your week 4 workbook topics are:

- Ratio, Proportion and Algebra questions including sequences.
- Fractions, Decimals & Percentages questions including Adding fractions.
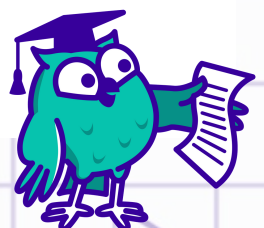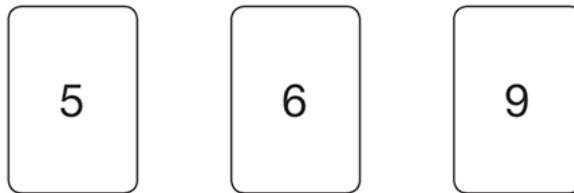
Ratio, Proportion & Algebra 1

Digit Cards

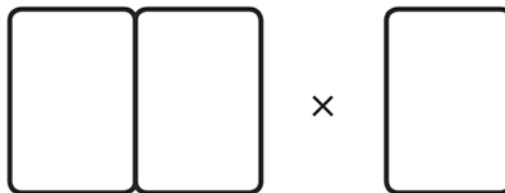**3** Chen uses these digit cards.

| 5 | 6 | 9 |

She makes a 2-digit number and a 1-digit number.

She multiplies them together.

Her answer is a **multiple of 10**

What could Chen's multiplication be?

☐☐ × ☐

1 mark

Multiplication Grid

2017 Paper 2 Reasoning

3   Write the missing numbers to make this **multiplication** grid correct.

$$
\begin{array}{c|cc}
\times & \square & \square \\
\hline
9 & 63 & 54 \\
\square & 56 & 48 \\
\end{array}
$$

1 mark

Sequence

9 The list below shows the years in which the Cricket World Cup was held since 1992:

1992, 1996, 1999, 2003, 2007, 2011, 2015

Adam says,

The Cricket World Cup has been held every four years since 1992.

Adam is **not** correct.

Explain how you know.

1 mark

Number Sequences

5 The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.

| | 155 | 200 | 245 | | |

2 marks

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Chen uses these digit cards.

3

5

6

9

...digit number and a 1-digit number.

Click to play!

×

Need some extra help? That's what we're here for!

In this video Patricia will explain how to answer the first question in the Ratio, Proportion and Algebra section of your workbook (Q3) which looks at a Digit Cards question.

Grab your pen and paper and remember to take notes! If you want more access to awesome videos like this, <u>sign up for a full SchoolOnline subscription here.</u>
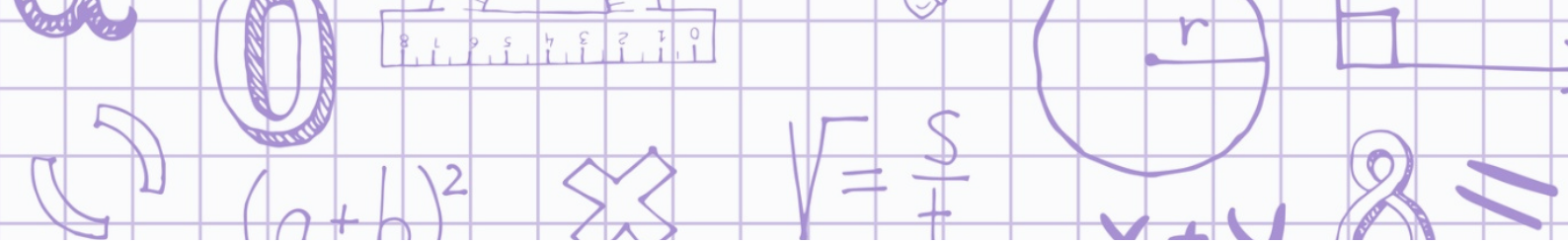
NOTES

Fractions, Decimals & Percentages 2

Addition - Fractions

25 $1\frac{3}{4} + \frac{3}{4} =$

1 mark

Addition - Fractions

24 $\frac{1}{2} + \frac{1}{5} =$

1 mark

Subtraction - Fractions

2017 Paper 1 Arithmetic

23 $\dfrac{3}{4} - \dfrac{3}{8} =$

Arithmetic - Fraction Subtraction

2016 Paper 1 Arithmetic

27 $\dfrac{3}{10} - \dfrac{1}{20} =$

KS2 Study Club

Key stage 2 Mathematics
Paper 1: arithmetic

25

$1\frac{3}{4} + \frac{3}{4} =$

Click to play!

Need some extra help? That's what we're here for!

In this video Patricia will explain how to answer the first question in the Fractions, Decimals & Percentages section of your workbook (Q25) which looks at Adding Fractions.

Grab your pen and paper and remember to take notes! If you want more access to awesome videos like this, sign up for a full SchoolOnline subscription here.

NOTES