



$$R1 + KS1(3) + KS2(3) = 12$$
$$12 + KS3(3) + KS4(2) = \infty$$

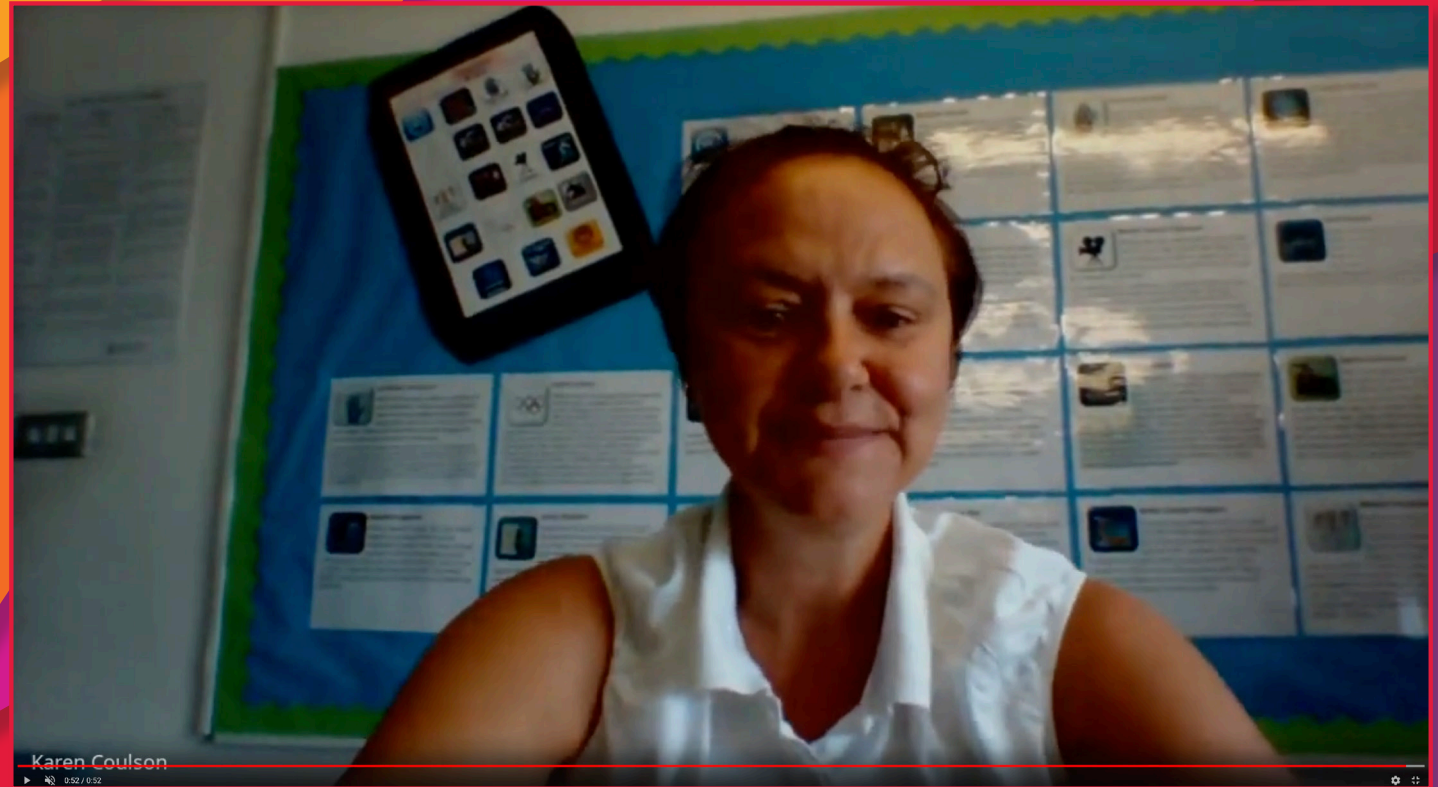


YEAR 6 PREPARATION FOR SECONDARY SCHOOL MATHEMATICS



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HOME STUDY PACK



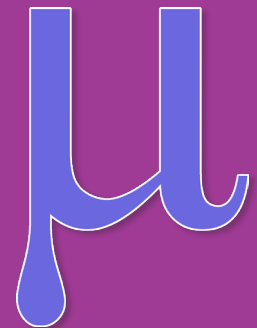
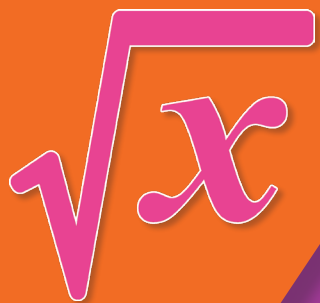


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GET READY FOR YEAR 7 MATHS

Your 6 Maths Topics

1. Equations
2. Ratio
3. Fractions
4. Percent
5. Negative numbers
6. Averages





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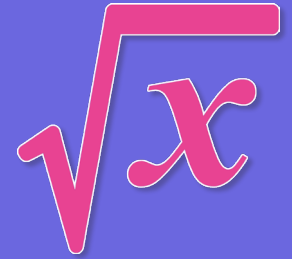


Topic 1 - Equations

★ How to solve an equation.

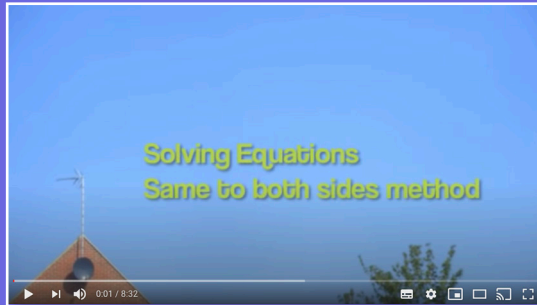
E1

Equations



1

WATCH.



2

COMPLETE.



$$\begin{aligned} 5x + 7y &= 9 \\ 3x + 7y &= 11 \end{aligned}$$

3

QUIZ.

$$x^3 + y^3 + z^3 = \underline{\underline{42}}$$



Not sure on the
answers?
Start again at Step 1.



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Topic 2 - Ratio

★ Sharing a total amount into a given ratio.

R1

Ratio

1
WATCH.

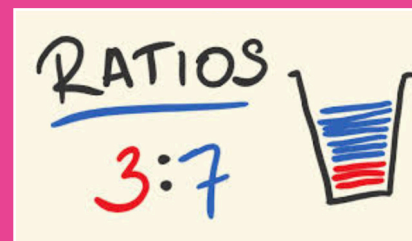


2
READ.

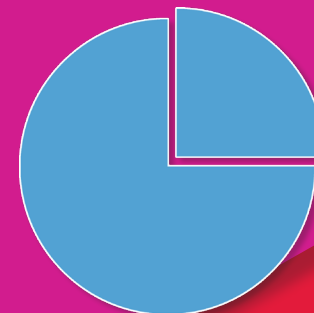


BACK

3
QUIZ.



Not sure on the
answers?
Start again at Step 1.

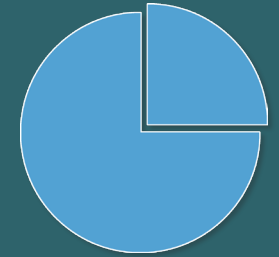


Topic 3 - Fractions

★ How to divide an amount by a given fraction.

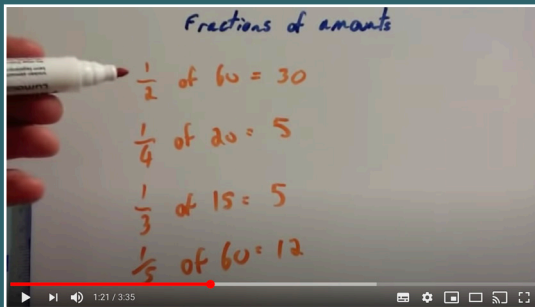
F1

Fractions



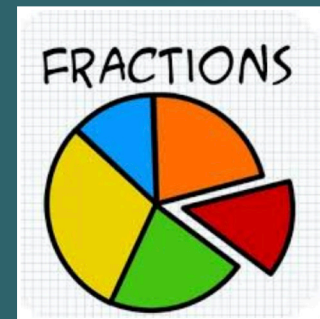
1

WATCH.



2

READ.



3

QUIZ.

$$\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$$
$$\frac{1}{3} + \frac{1}{4} = \frac{7}{12}$$

Not sure on the
answers?
Start again at Step 1.



Topic 4 - Percent

★ Working out a given percent of an amount.

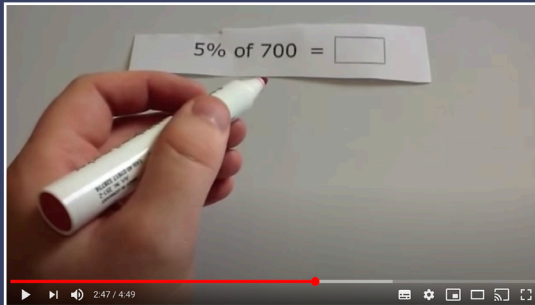
P1

Percent

%

1

WATCH.



2

READ.

BACK



3

QUIZ.

$$\begin{array}{l} \underline{30}\% \text{ of } \underline{40} = 12 \\ \underline{60}\% \text{ } \underline{130} = 78 \end{array}$$

Not sure on the answers?
Start again at Step 1.



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Topic 5 - Negative Numbers

★ Adding and subtracting with negative and positive numbers.

N1

Negative Numbers

1

WATCH.



2

READ.

$$-5 - 7 = -5 + (-7)$$

$$10 - (-3) = 10 + 3$$

BACK

3

QUIZ.

$$1 + 2 + 3 + 4 + 5 + 6 + \dots = -\frac{1}{12}$$

Not sure on the answers?
Start again at Step 1.

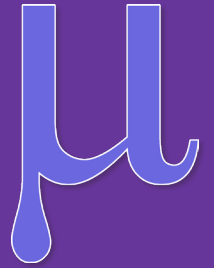


Topic 6 - Averages

★ Work out the Mean from a given dataset.

A1

Averages



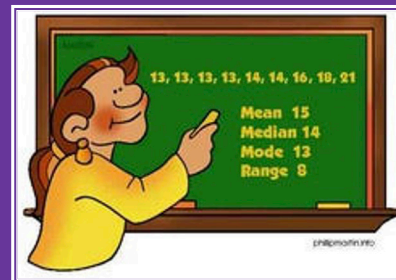
1
WATCH.



2
READ.



3
QUIZ.



Not sure on the
answers?
Start again at Step 1.

One final
challenge



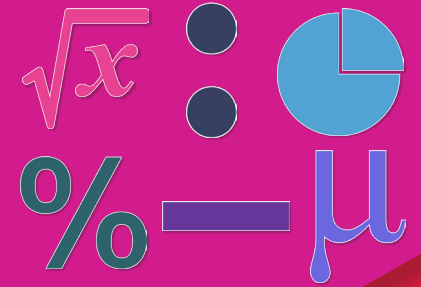


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UP FOR THE CHALLENGE?

If you're
interested in some more
Maths, check out the [website](#) and sign up!



FREE
PILOT

LOG IN

SIGN UP

numerise

The simple way to improve your
child's maths

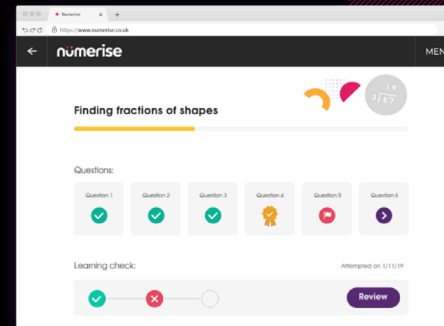
PERSONALISED LEARNING - MATHS BUILT FOR YOU

Numerise is personalised to your child and is extremely easy to use. Whatever their level, Numerise helps them improve in maths.

Questions match the topics in **Key Stage 3** and **GCSE** Maths, so your child can practise independently, work through topics they are struggling with or get help with long-term revision.

To prepare your Year 6 child for joining Year 7 in September, register for the **Secondary Ready course** in Numerise.

This version of Numerise is our pilot product so you will notice a lot of changes over the next few months – we'd love to hear your thoughts.



TELL ME ABOUT SECONDARY READY

SIGN UP

Try Numerise for free

As a thank you for helping us improve the product while you learn, you can access Numerise for free until September.

SIGN UP



A proven approach

POWERED BY SPARX MATHS

Numerise is based on award-winning Sparx Maths, which is used in schools to improve students' maths grades. This personalised approach to learning is now available to help your child improve their maths at home.



Independent learning

QUESTIONS AND VIDEOS AT
YOUR FINGERTIPS

Our maths questions, and there are tens of thousands of them, are carefully chosen to suit your child's maths level using our sophisticated technology. And there are over 9,000 help videos if learners get stuck.



Track progress

SEE HOW YOUR CHILD IS DOING

We send you a weekly email and you can log in to see, at a glance, how your child is progressing through Numerise. Our learner dashboard also lets your child see how they are getting on.