

Y6 Maths What they need to know...

This home learning will focus on **SATs Revision**.

During this half term, we will cover a range of topics across the maths curriculum in preparation for the assessment tests in early May. Below are some activities and investigations that will help your child practise for the arithmetic questions they might encounter.

Activities & Games!

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- | | | |
|--------------------|---------------------|---------------------|
| a) 23×75 | b) 84×842 | c) 72×9026 |
| d) $459 \div 10$ | e) 863×100 | f) 904×4 |
| g) $284 \div 1000$ | h) $627 \div 1000$ | i) $397 \div 1000$ |
| j) $1460 \div 6$ | k) $6303 \div 7$ | l) $8362 \div 9$ |

★★ Find the following percentages:

- | | | | |
|-------------|-------------|--------------|-------------|
| 12% of 300 | 35% of 250 | 85% of 600 | 98% of 350 |
| 43% of 500 | 37% of 270 | 85% of 85 | 89% of 400 |
| 25% of 1678 | 50% of 18.5 | 12.5% of 400 | 45% of 3598 |

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|-----------------|----------------|-----------------|----------------|----------------|
| $6193 \div 11$ | $4368 \div 14$ | $59334 \div 31$ | $7332 \div 47$ | $1068 \div 89$ |
| $14625 \div 45$ | $3081 \div 13$ | $17766 \div 18$ | | |

My Maths

Use our school log in (Username: **coleridge1**, Password: **success74**), and then your own log-in details to access activities related to our current topic on the MyMaths website. You can also have a look to see if there are some other fun games you would like to play.

The MyMaths activities are set for the year group as a whole, therefore some are harder than others. Feel free to try as many as you can but don't worry if you find some of them too difficult.

Going deeper...

Differences

Choose any three whole numbers, find the differences between them all, and find the product of the differences.

For example, if your three whole numbers are **7**, **4** and **12**, the differences are:

$$12 - 7 = 5$$

$$12 - 4 = 8$$

$$7 - 4 = 3$$

The product of the differences is $3 \times 5 \times 8 = 120$

Try a few examples.

What do you notice?

Can you explain what you've noticed?



Wonderful websites

[Fraction subtraction revision](#)

[Triangles Revision](#)

[BODMAS revision](#)

Whilst it can be very tempting to encourage your child to have a go at the more challenging activities, it is far better to work with them at a level they feel confident with. Significant and regular practise of even the most basic skills outlined in this document will lead to a much deeper understanding and greater proficiency, and ultimately a much more pleasant 'homework' experience for you and your child!