

Class 5 (Year 6 Autumn 2020) Maths holiday homework

Please work through the following online lessons and complete the activities and worksheets.

Lesson 1

Load the following website:

<https://classroom.thenational.academy/year-groups/year-5>

Click on Maths and then the 'To represent decimals' lesson. Watch the video and then complete the worksheets provided within the lesson.

The following video is also very useful and provides some clear explanations of decimal notation:

<https://www.bbc.co.uk/bitesize/articles/zx2dbqt>

When you have watched the video you can complete the worksheet.

Lesson 2

Load the following website:

<https://classroom.thenational.academy/year-groups/year-5>

Click on Maths and then the 'Decimals: To represent multiplication and division by 10, 100 and 1000. Watch the video and then complete the worksheets provided in the lesson. Then load up the following website:

<https://www.bbc.co.uk/bitesize/articles/zbvkwty>

You should read the information and watch the videos. You should then complete the two worksheets (Collins and Twinkl).

Lesson 3

Load the following website:

<https://www.bbc.co.uk/bitesize/articles/zm6g9mn>

Read the information and watch the video. You should then complete the 2 worksheets (Pearson and Maths Whizz).

Lesson 4

Load the following website:

<https://www.bbc.co.uk/bitesize/articles/zdt6dp3>

You need to read the information and look at the examples on the slideshow. You should then have a go at the online activity. After that please complete the two worksheets (twinkl).

Lesson 5

Load the following website:

<https://www.bbc.co.uk/bitesize/articles/zv798xs>

Read the information on the website and watch the videos about equivalent fractions. Remember that equivalent fractions are those which are the same size but are written differently, for example a half is the same as two quarters. You should then complete the 2 worksheets (headstart and twinkl).

Lesson 6

Watch the following video which shows you the equivalence between fractions, decimals and percentages:

<https://www.bbc.co.uk/teach/class-clips-video/maths-ks2-decimal-dance-off-2-fractions-decimals-and-percentages/zk9ygw>

Have a go at completing the worksheet on which you have to match up the equivalent fractions, decimals and percentages. If you are feeling really confident you can then have a go at the challenge activity!

Lesson 7

Look at the worksheet for lesson 7. It shows you 2 formal methods for working out answers to multiplication questions. Choose your preferred method and answer the questions on the worksheet.

Lesson 8

Watch the following video which is revision of the bus stop method for division which we have looked at in class:

<https://www.youtube.com/watch?v=IS-YRqkMxdg>

You should then complete the division worksheet for this lesson (there are 4 different worksheets which start with smaller numbers and move on to bigger ones. Choose the one you feel the most comfortable doing, there is no need to do all of them).

Lesson 9

Load the following website:

<https://www.bbc.co.uk/bitesize/topics/zfq7hyc/articles/zp6wfcw>

You should watch the short videos about factors, prime numbers, square numbers and cube numbers. You should then complete the lesson 9 worksheet.

Lesson 10

Please practise all your times tables and division facts up to 12×12 . You should be able to recall these quickly when asked a question.

You can use the worksheets and times tables grids to help you. You can also have a go at the times tables jigsaw!

Well done for completing this sequence of holiday lessons! It will really help you when you return to school in Year 6. We are looking forward to seeing you all again!

Mrs Norton and Mrs Limon

