Maths - Week Beginning 27th April 2020

Year 6

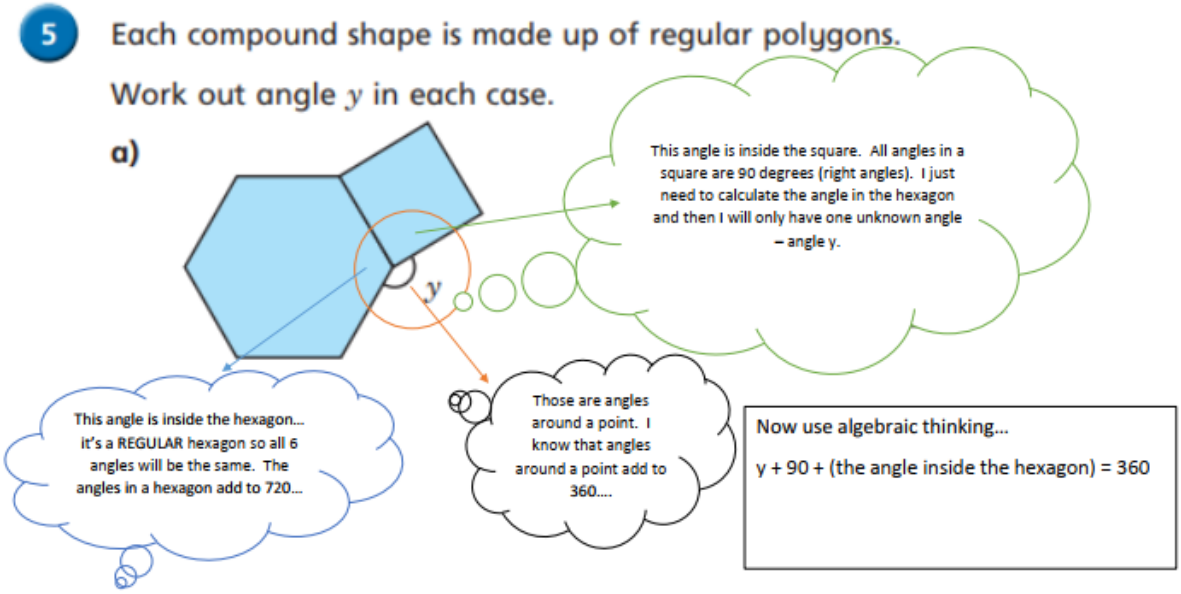
We have set 4 days of lessons from the **White Rose Home Learning page** https://whiterosemaths.com/homelearning/year-6/

Monday 27th April: **Angles in Special Quadrilaterals.** To link we this we have also set MyMaths - Y6 Angle Sums (this was set last week but most of Mrs Martin's set hadn't done it yet - don't worry - it's relevant this week so have a go. Mrs Quantick's set - well done, the vast majority of you completed this and did really well; just a few of you who scored less than 70% need to have another go.)

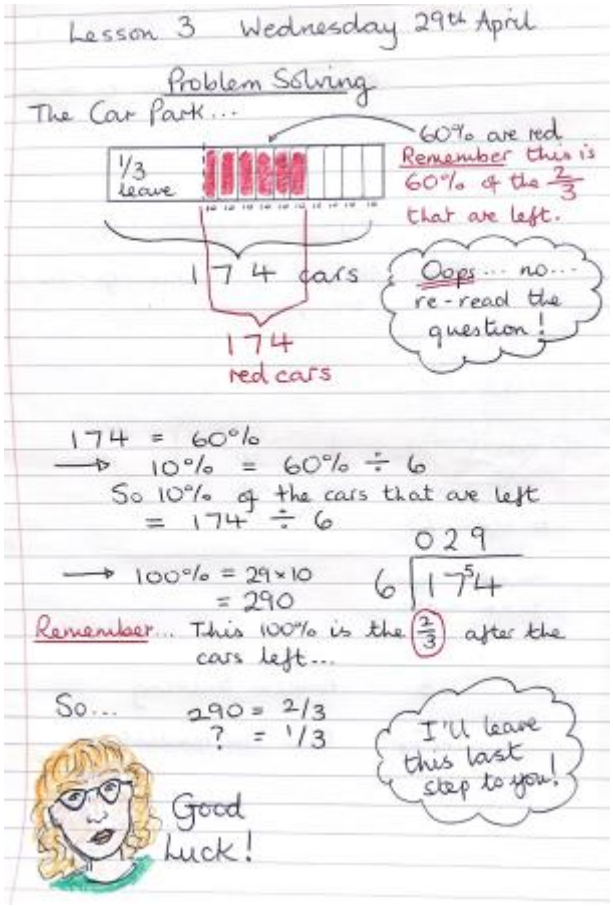
Tuesday 28th April: **Angles in Regular Polygons.** MyMaths task - Y4 Rectangles and Irregular Polygons. See also below, Mrs Martin's guide to annotating problems - this will remind you of how to look at a problem and think through the steps to solve it.

Mrs Martin's Maths Thoughts...

Here's how I would annotate questions:



Wednesday 29th April: **Problem Solving**. Warning: there's only 4 questions but they are challenging and all involve many steps. For the first question, Mrs Martin has provided her approach (see below) - you will notice that she made a mistake because she didn't read the question properly - make sure you don't fall into the same trap! Remember to use **BAR MODELS** - they really are the key to interpreting problems and identifying steps.



The third question involves ratio so we've set a MyMaths task - Y6 Ratio Introduction. Mrs Martin's set - you should remember this from our work on recipes and changing quantities for more people; we did it after fractions because there are so many similarities.

Thursday 30th April: **Problem Solving.** Questions 1 and 2 involve fractions and percentages; you will need to use annotations and bar models. Questions 3 and 4 are about formulas - Mrs Martin's set: do you remember the recent work when we worked out the fees for taxi journeys and a plumber's work? It's the same idea here. You will also need to remember all you know about time and may need to draw a time number line to work out how many minutes are between 15:47 and 16:04.

Friday 1st May: we've set a lot of work so Friday is for finishing off, completing My Maths tasks, going on TTRockstars and sending us photos of your work. If you're missing our arithmetic challenges go to

https://corbettmathsprimary.com/wp-content/uploads/2018/06/gold-april-271.pdf

you can choose bronze or silver levels if gold is too hard.

PS Don't forget to send photos of your work! And well done to all of you who are working so hard on MyMaths :)

Year 5

In maths this week we will be continuing with decimals. Please visit the following website, https://whiterosemaths.com/homelearning/year-5/ to work though the following learning objectives:

1. Adding decimals with the same number of decimal places
2. Subtracting decimals with the same number of decimal places
3. Adding decimals with a different number of decimal places
4. Subtracting decimals with a different number of decimal places

You will find the lessons and activity work sheets under Summer Term – Week 2. Please don't feel that you have to print the worksheets out – your models and calculations on paper are more than enough.

Each video starts with 'Flashback 4'; make sure you pause the video before you complete these. You don't have to do them in the short period of time that the video gives.

Here are a few tips to help you through your learning.

- In lesson one they place their exchanges at the bottom of their model. We normally write or draw them at the top of our model so we don't forget them. Don't worry about this difference, it will not change the calculation or answer.
- Make sure you write any place holders where necessary.
- In lesson 3, when you are adding numbers with a different number of digits, feel free to write place holders if you feel it helps.
- Draw place value charts and bar charts to help you solve questions – you do not have to be able to do this in your head.

Key vocabulary to aid your reasoning and discussion:

- Zero
- Placeholder
- Exchange
- Value
- Place value
- Place value chart
- Column
- Decimal point

If you have already completed the My Maths tasks last week, have another go and see if you can improve your scores now that you know more about decimals.

Make sure you then use Times Table Rocks Stars 3 times a week to ensure your times table knowledge is fluent and confident.

Have fun