

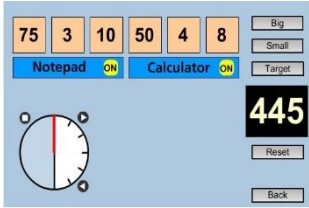



## P5 Home Learning (Block 3)

Here are a selection of activities which reinforce Numeracy and Maths skills. Children are encouraged to self- differentiate to make activities less or more challenging.

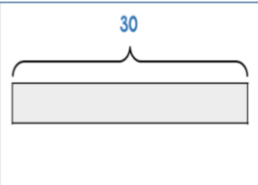
<p style="text-align: center;"><b><u>Sumdog</u></b></p> <p>Please continue to play Sumdog. Your class teacher has issued your password. (Check you are working at the correct level: <b>Early, First, Second or Third</b>)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">There will be challenges and competitions here set up by your teacher so try to go on it regularly.</p>	<p style="text-align: center;"><b><u>Find the factors</u></b></p> <p>Here is an explanation of what factors are: <a href="https://www.bbc.co.uk/bitesize/topics/zfg7hyc/articles/zp6wfcw">https://www.bbc.co.uk/bitesize/topics/zfg7hyc/articles/zp6wfcw</a></p> <p>Find the factors for all the numbers below. The first one has been started for you.</p> <ol style="list-style-type: none"> <li>a) 30 – 1, 15, 10, 30....</li> <li>b) 12</li> <li>c) 9</li> <li>d) 22</li> <li>e) 16</li> <li>f) 13</li> <li>g) 7</li> <li>h) 50</li> <li>i) 14</li> <li>j) 33</li> <li>k) 18</li> </ol> <p>A prime number is where the only factors are 1 and itself. Which of the numbers above are prime numbers?</p>	<p style="text-align: center;"><b><u>Addition: partitioning</u></b></p> <p style="text-align: center;"><a href="https://www.youtube.com/watch?v=rnMroGkVmFs">https://www.youtube.com/watch?v=rnMroGkVmFs</a> The above YouTube clip should provide some revision on the above addition strategy (partitioning)</p> <p><b>An answer sheet will be emailed to those who responded to the class email address.</b></p> <p>Calculate the following questions using a partitioning strategy:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="border: none;">Qu</th> <th style="border: none;">*</th> <th style="border: none;">**</th> <th style="border: none;">***</th> </tr> </thead> <tbody> <tr> <td style="border: none;">1</td> <td style="border: none;">13 + 16</td> <td style="border: none;">232 + 156</td> <td style="border: none;">26,467 + 13,676</td> </tr> <tr> <td style="border: none;">2</td> <td style="border: none;">15 + 12</td> <td style="border: none;">465 + 374</td> <td style="border: none;">56, 764 + 8865</td> </tr> <tr> <td style="border: none;">3</td> <td style="border: none;">21 + 17</td> <td style="border: none;">734 + 289</td> <td style="border: none;">324,364 + 536,263</td> </tr> <tr> <td style="border: none;">4</td> <td style="border: none;">26 + 23</td> <td style="border: none;">943 + 543</td> <td style="border: none;">637,202 + 117,357</td> </tr> <tr> <td style="border: none;">5</td> <td style="border: none;">34 + 28</td> <td style="border: none;">1145 + 3534</td> <td style="border: none;">2544 + 102,865</td> </tr> <tr> <td style="border: none;">6</td> <td style="border: none;">45 + 17</td> <td style="border: none;">3856 + 4562</td> <td style="border: none;">46 + 3293 + 17,574</td> </tr> <tr> <td style="border: none;">7</td> <td style="border: none;">42 + 25</td> <td style="border: none;">6473 + 4864</td> <td style="border: none;">997,453 + 68 + 746</td> </tr> <tr> <td style="border: none;">8</td> <td style="border: none;">56 + 32</td> <td style="border: none;">10,234 + 2767</td> <td style="border: none;">869,976 + 7363 + 16</td> </tr> <tr> <td style="border: none;">9</td> <td style="border: none;">63 + 31</td> <td style="border: none;">12,645 + 3794</td> <td style="border: none;">Double 747 + 7832</td> </tr> <tr> <td style="border: none;">10.</td> <td style="border: none;">81 + 16</td> <td style="border: none;">15, 345 + 4844</td> <td style="border: none;">543 add double 984</td> </tr> </tbody> </table>	Qu	*	**	***	1	13 + 16	232 + 156	26,467 + 13,676	2	15 + 12	465 + 374	56, 764 + 8865	3	21 + 17	734 + 289	324,364 + 536,263	4	26 + 23	943 + 543	637,202 + 117,357	5	34 + 28	1145 + 3534	2544 + 102,865	6	45 + 17	3856 + 4562	46 + 3293 + 17,574	7	42 + 25	6473 + 4864	997,453 + 68 + 746	8	56 + 32	10,234 + 2767	869,976 + 7363 + 16	9	63 + 31	12,645 + 3794	Double 747 + 7832	10.	81 + 16	15, 345 + 4844	543 add double 984
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### Word problems using the bar model

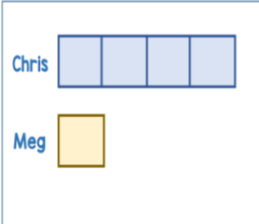
**1** Peter is making pizzas. Each pizza takes 5 minutes to cook.



How many pizzas can he make in 30 minutes?

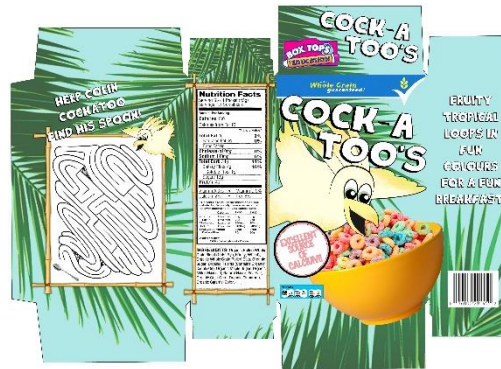


**2** Chris and Meg have some money. Chris has 4 times as much as Meg. Chris gives Meg some of his money. They now have the same amount of money. What fraction of his money did Chris give Meg?



### 3D Shape – Nets

Find a piece of food packaging that is a cuboid, such as a cereal box. Carefully unfold and take it apart on one side so that you can lay it flat on a table. It should look something like this:



- The unfolded shape is called a net of the 3D shape. Make a diagram of your net.
- Can you draw a different net which will result in the same shape when you fold it?
- You could try unfolding other shapes of packaging and draw their nets too.

### Multiplication: keep practising!

#### Multiplication games online

<https://www.topmarks.co.uk/maths-games/hit-the-button>

The above link is an interactive multiplication game which is timed. Once on the game, click times tables, and you can then chose a specific multiplication table or opt for mixed (this will go up to the 12 times table)

<https://www.topmarks.co.uk/blue-times-tables/coconut-multiples>

This game looks at multiples where pupils have to identify which numbers belong to a specific multiplication table.

<https://www.arcademics.com/games/meteor>

This has a space theme! Word of caution...you need to be pretty quick!

[www.youtube.com](http://www.youtube.com)

This has a huge variety of songs and raps. Simply go to the website, type multiplication songs and explore!

### 2D Shape - Symmetry

- Write your name in large capital letters. Look at each letter and draw the lines of symmetry. Some letters will have none, others may have 1 or 2.
- Continue exploring with the rest of the letters in the alphabet.



#### Challenge:

Can you write any words which are completely symmetrical horizontally?

Check out 'The Daily Rigour': A free weekly newspaper especially for kids and all about Numeracy! A link is also available to the solutions.

<https://www.cdmasterworks.co.uk/the-daily-rigour/>



### Useful websites:

- **NRICH:** [www.nrich.maths.org](http://www.nrich.maths.org)
- **Mr Barton Maths:** [www.mrbartonmaths.org](http://www.mrbartonmaths.org)
- **Top Marks:** [www.topmarks.co.uk](http://www.topmarks.co.uk)
- **Illuminations:** [www.illuminations.nctm.org](http://www.illuminations.nctm.org)
- **MathsBot:** [www.mathsbot.com](http://www.mathsbot.com)
- **Snappy Maths:** [www.snappymaths.com](http://www.snappymaths.com)





### Time (converting)

Convert the following 12-hour times into 24-hour time:

Example: 3.15am (0315)

- |           |             |            |             |
|-----------|-------------|------------|-------------|
| 1) 2am    | 4) 8.20pm   | 7) 5.45am  | 10) 8.47pm  |
| 2) 7.15am | 5) midnight | 8) 12.17pm | 11) 12.12am |
| 3) 6pm    | 6) 5.23pm   | 9) 1.01pm  | 12) 10.26pm |

## P5 Home Learning (Block 2) – Topic/ Health and Wellbeing

<b>Health and Well-Being Mental Health</b>	<b>Health and Well-Being Digital Safety</b>	<b><u>Famous scientist research</u></b>																		
<p>Practice mindfulness daily – 10 minutes in morning and evening. Imagine your breath is your favourite colour.</p> <ul style="list-style-type: none"> <li>• Sit tall in a comfortable cross-legged position with head bowed and eyes closed.</li> <li>• Breathe in through your nose, feeling the warmth of your breath as it travels up from your lungs to top of your skull, then out through your nose visualising the breath travelling over the top of your head and down your spine.</li> <li>• Let thoughts come and go as they please, but always come back to the breath.</li> <li>• At the end of each day tell your family 5 things you have been grateful for. Maybe everyone in your family will join in .You can even create a journal style record to look back on.</li> </ul> <div style="text-align: right; margin-top: 10px;">  </div>	<p>Using the Go Safe Scotland website at <a href="https://www.gosafescotland.com/Activity/Show/74?show=activity">https://www.gosafescotland.com/Activity/Show/74?show=activity</a></p> <ul style="list-style-type: none"> <li>• Use the ‘Musician’s Plumber’ scenario, discuss whether it is wrong to download music, films etc. without paying.</li> <li>• Using the ‘Spider Burgers’ scenario, discuss the types of files people download, possible dangers and ways to keep your computer safe.</li> <li>• Play the online activity ‘Download’ to explore the concept of protecting your computer by using a firewall against viruses.</li> </ul> <p style="text-align: center;">Ideas for follow up activities –</p> <ul style="list-style-type: none"> <li>• Produce a presentation explaining the dangers of downloading illegal content from the internet.</li> <li>• Create a list of rules for safe practice on the internet when downloading content.</li> <li>• Create an advert for new antivirus software, identifying all the features it has and how these are used to protect your computer.</li> </ul>	<p>Research a famous scientist and compile a fact file to include the following information:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 70%;">Name</td><td></td></tr> <tr><td>When they were born?</td><td></td></tr> <tr><td>Where were they born?</td><td></td></tr> <tr><td>Are they alive?</td><td></td></tr> <tr><td>Who are/were their parents?</td><td></td></tr> <tr><td>Do they have any siblings(brother/sisters)</td><td></td></tr> <tr><td>What are they famous for?</td><td></td></tr> <tr><td>What benefits do they have on life today?</td><td></td></tr> <tr><td>Any interesting facts</td><td></td></tr> </table>	Name		When they were born?		Where were they born?		Are they alive?		Who are/were their parents?		Do they have any siblings(brother/sisters)		What are they famous for?		What benefits do they have on life today?		Any interesting facts	
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<div style="text-align: center; margin-bottom: 10px;">  </div> <p style="text-align: center;"><b>Health and Well-Being Physical</b></p> <ul style="list-style-type: none"> <li>• Practice a daily fitness stretching routine to your favourite music. Include gentle head rolls, shoulder shrugs, arm stretches, side-stretches, leg stretches, and superman pose to gently stretch your back.</li> <li>• Create an aerobic routine to music including running on spot, shadow boxing, star jumps, squat thrusts, skipping.</li> <li>• Create a strength based routine including sit ups, press ups, slalom pose and arm pull repetitions using a tin of beans!</li> </ul>	<p style="text-align: center;"><b>Food Technology</b></p> <ul style="list-style-type: none"> <li>• Can you create a healthy recipe?</li> </ul> <p style="text-align: center;">It could be a smoothie, salad bowl, sandwich or an idea for dinner?</p> <div style="text-align: center; margin-top: 10px;">  </div>	<div style="text-align: center; margin-bottom: 10px;">  </div> <p style="text-align: center;"><b>Health and Well-Being Social</b></p> <ul style="list-style-type: none"> <li>• Play board games and card games with your family;</li> <li>• Bake together – have fun!</li> <li>• Cook together – help prepare vegetables;</li> <li>• Share movies/teach adults a console game and play them!</li> </ul>																		

**Task 1**

Reading Activity – Non-fiction

Choose a non-fiction book to read or re-read.



- Write down the title and author(s).
- Locate the contents, index and glossary pages to familiarise yourself with them, and write down their purposes.
- Find and write 5-10 words you do not know the meaning of and create your own **glossary** to explain what they mean. You could use a dictionary/internet to help you.
- Write down 6 facts you have learned and share them with someone at home. You could show the information as a poster/Powerpoint.

**Task 2**

Writing – Spelling

Read aloud and practise the spelling list below. Can you identify the spelling pattern? Can you think of more words to add to the list? If you are unsure of any

winch	scrunch
drench	rancher
quench	flinch
stench	wrench
hunch	crunchy
lunchbox	pinched

of the meanings, use a dictionary or the internet.

Spelling Activities

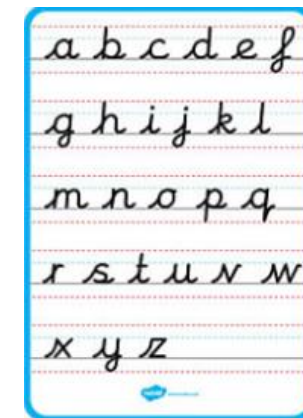
- ❖ Select 3 of words and write a sentence for each word to show your understanding.
- ❖ Select two other activities of your choice using your “spelling activity homework booklet.”

**Task 3**

• **Handwriting**

Practise cursive handwriting /cursive joins  
Write words or sentences in cursive script.

- Keep the words the same size
- Except from capitals, all letters start from the line



**Task 4**

Grammar

Read a passage from a book/article and create a table to write down examples of: **nouns, proper nouns, adjectives, verbs, adverbs and prepositions.**

Nouns	Proper Nouns	Adjectives	Verbs	Adverbs	Prepositions
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**Task 5**

Writing: Imaginative

- Go to a website called: **Pobble 365** or choose a story you have not read.
- Read the title and look at any illustrations; make predictions as to what the story could be about (**do not read the blurb!**)

**Task 6**

Useful websites:

[www.sumdog.com](http://www.sumdog.com)

[www.spellingcity.com](http://www.spellingcity.com)

[www.topmarks.co.uk](http://www.topmarks.co.uk)

- Write down your own blurb relating to the title and any illustrations. Remember, a blurb should not spoil a story! You may wish to look at blurbs on other fiction books to gain some inspiration!
- Carefully read your blurb to ensure it makes sense and you have correctly used punctuation.
- Read the blurb you have been provided with and compare it to your own.
- Using the blurb provided, continue a short story (possibly a paragraph or two). Remember to include characters and how you could make it more exciting!

**Talking and listening and encouraging discussion with others at home:**

[www.bbc.co.uk/newsround](http://www.bbc.co.uk/newsround)