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Year 6 Learning in School Week 1

We understand that children who are not yet able to attend school may be curious to know and to have a go at, the learning their peers have completed in school this week. With this in mind, we will be sharing a simple outline of the learning completed in school at the end of each week. There is no expectation that children complete this learning alongside what they are already doing, however if they would like to Miss Kober and Miss Revels-Hull would be delighted if you shared this with them through the learning.saxon email account.

Subject	Learning Task
English	Children read the first chapter of a new text, 'There's a Boy in the Girls' Bathroom' and wrote a text analysis about what they had learnt about one of the characters. *Perhaps you could begin reading a new text and write a text analysis about one of the characters from the information you are given in the first chapter.*
Maths	Children completed fluency and problem solving calculations that involved their place value knowledge, knowledge of multiples and factors. *You will find the questions the children worked from in class, below.*
PSHE	Children wrote a poem for the Wall of Hope and have begun to create a Gratitude Journal in a scrapbook style. *We have asked that all children write a poem for the Wall of Hope and look forward to receiving these. Below you will find the prompts used by children to support you in creating your own Gratitude Journal.*

N9 Mathematical Symbols

1) State the meaning of each of the following symbols

   a) =

   b) ≠

   c) <

   d) >

   e) ≤

   f) ≥

2) Insert the correct symbol to make these sentences true

   a) 4 + 5 ☐ 6 + 2

   b) 10 – 3 ☐ 9 + 1

   c) 6 + 2 ☐ 2 × 4

3) State whether each statement is TRUE or FALSE

   a) 7 < 4

   b) 68p = £0.68

   c) 11 > 3

4) You need to be 1.4 m or taller to ride on a rollercoaster. Write a mathematical statement about the heights of people (*h* metres) allowed on the rollercoaster.

N10 Factors

1) Write down all the factors of:

   a) 6

   b) 8

   c) 10

   d) 12

   e) 20

   f) 21

2) 100 has nine factors.

   What are they?

3) The numbers 2, 3, 5 and 7 all have exactly two factors.

   Find the next four numbers with only two factors.

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4) The numbers 1, 4, 9 and 16 all have an odd number of factors.

   Find the next three numbers which have an odd number of factors.

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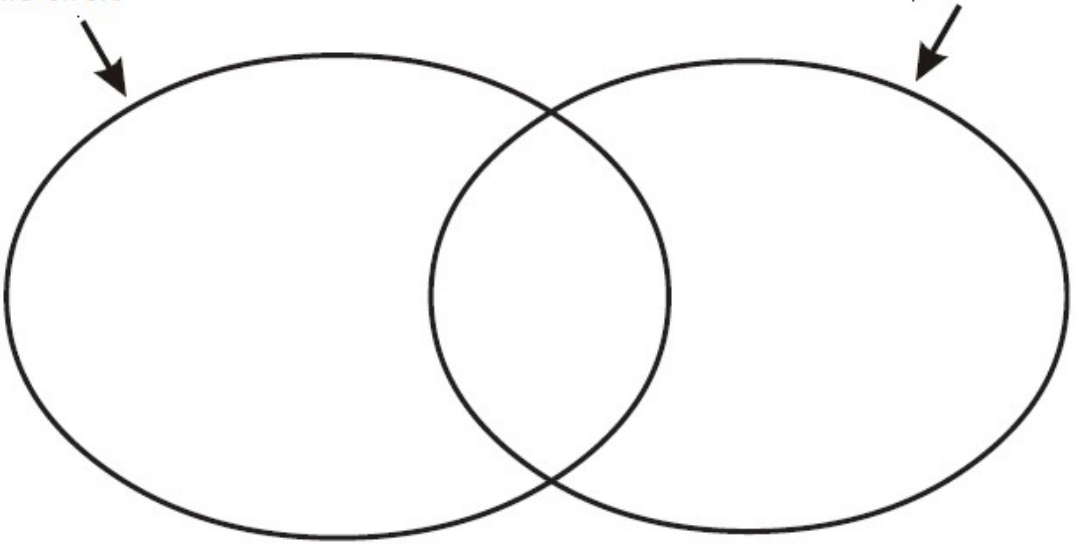
5) Put the correct numbers in the circles.
   Be careful of the overlaps.

Factors of 24 in this circle

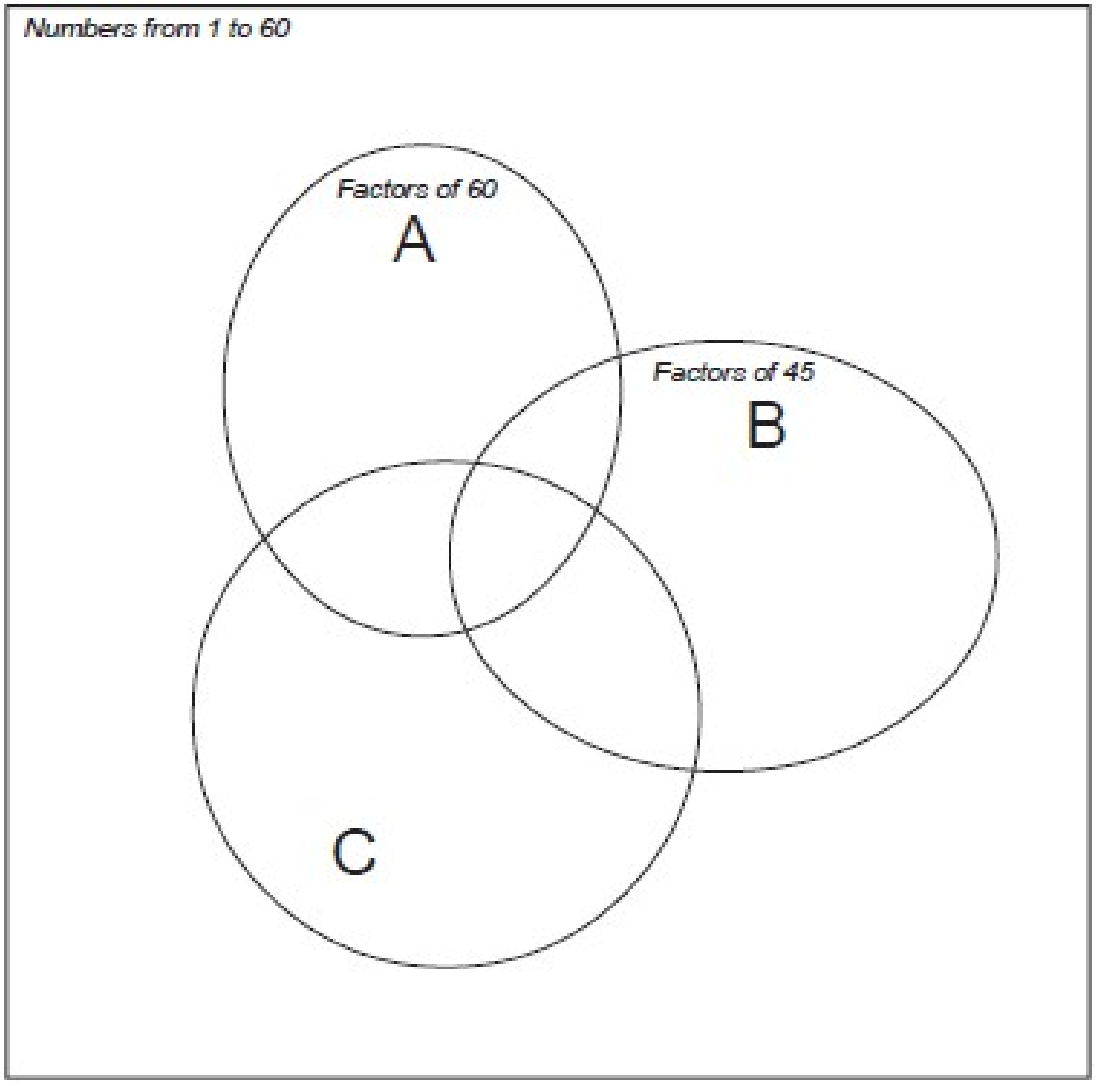
Factors of 40 in this circle



N10 Factors

Place all the whole numbers from 1 to 60 in the diagram below.
However, you must stick to these four rules:

1) In the rectangle you must have every whole number from 1 to 60
2) In circle A you must have all the factors of 60
3) In circle B you must have all the factors of 45
4) In circle C you must have all the factors of 36



N11 Multiples

1) a) Write down the first five multiples of 3.

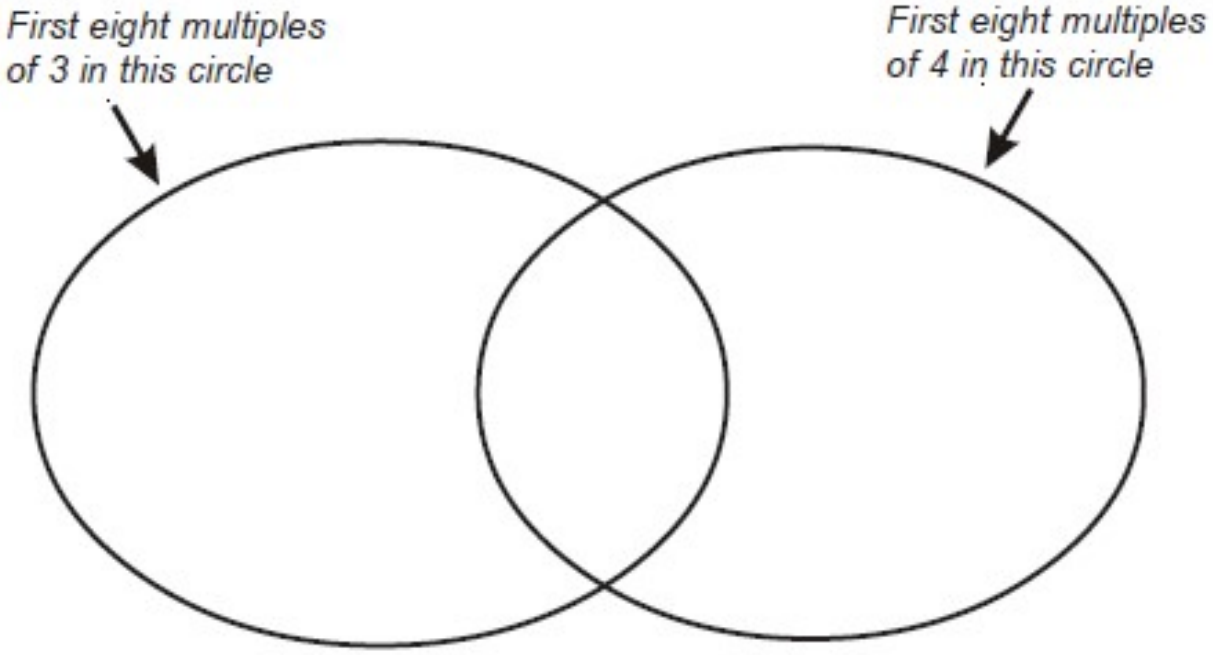
   b) Write down the first five multiples of 7.

   c) Write down the first five multiples of 4.

2) 6, 12, 18, 24, 30 are the first five multiples of which number?

3) What are the eighth, ninth and tenth multiples of 11?

4) Put the correct numbers in these circles.
   Be careful of the overlaps.



N11 Multiples

The sieve of Eratosthenes

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Just follow these steps:

a) Cross out 1.

b) Shade in the square with 2 in it.
Now cross out all other multiples of 2.

c) Shade in the 3 square.
Cross out all other multiples of 3
(some will already be crossed out).

d) Shade in the 5 square.
Cross out all other multiples of 5.

e) Shade in the 7 square.
There should be just three
other multiples of 7 which
haven't already been crossed out.
Cross them out.

f) Shade in every square that hasn't
been crossed out.

g) Write out the numbers in every
shaded square.

h) The numbers you have written down
have a special name. **What is it?**

N13a Addition - Integers

1) 1524 + 4273 = ____

2) 7452 + 216 = ____

3) 24578 + 1215 = _____

4) 591 + 372 + 85 = ____

5) 9876 + 55 + 1039 = ____

N13a Addition - Integers

In the sum on the right

a) replace three of the digits with zeros so that the answer is 1411

b) replace three of the digits with zeros so that the answer is 1513

c) replace three of the digits with zeros so that the answer is 1626

d) replace three of the digits with zeros so that the answer is 1583

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  1  1  1
  2  2  2
  3  3  3
  4  4  4
  5  5  5  +
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N13b Addition - Decimals

1) 59.1 + 37.2 = ____

2) 24.75 + 9.98 = _____

3) 94.78 + 104.9 = _____

4) 309 + 12.5 + 631.4 = _____

5) 105 + 7.32 + 51.8 + 2804 = _____

N13b Addition - Decimals

Choose a number from a box and a number from a loop to make the totals in a) and b).

3.61	2.975	2.35	1.3	6.72

3.2	7.65	1.006	3.58	2.25

a) ☐ + ◯ = 4.6

b) ☐ + ◯ = 11.26

N14a Subtraction - Integers

1) 14562 – 1251 = _____

2) 6652 – 716 = _____

3) 42160 – 39215 = _____

4) 2300 – 934 = _____

5) 50000 – 2166 = _____

N14b Subtraction - Decimals

1) 68.1 – 27.3 = _____

2) 24.75 – 0.098 = _____

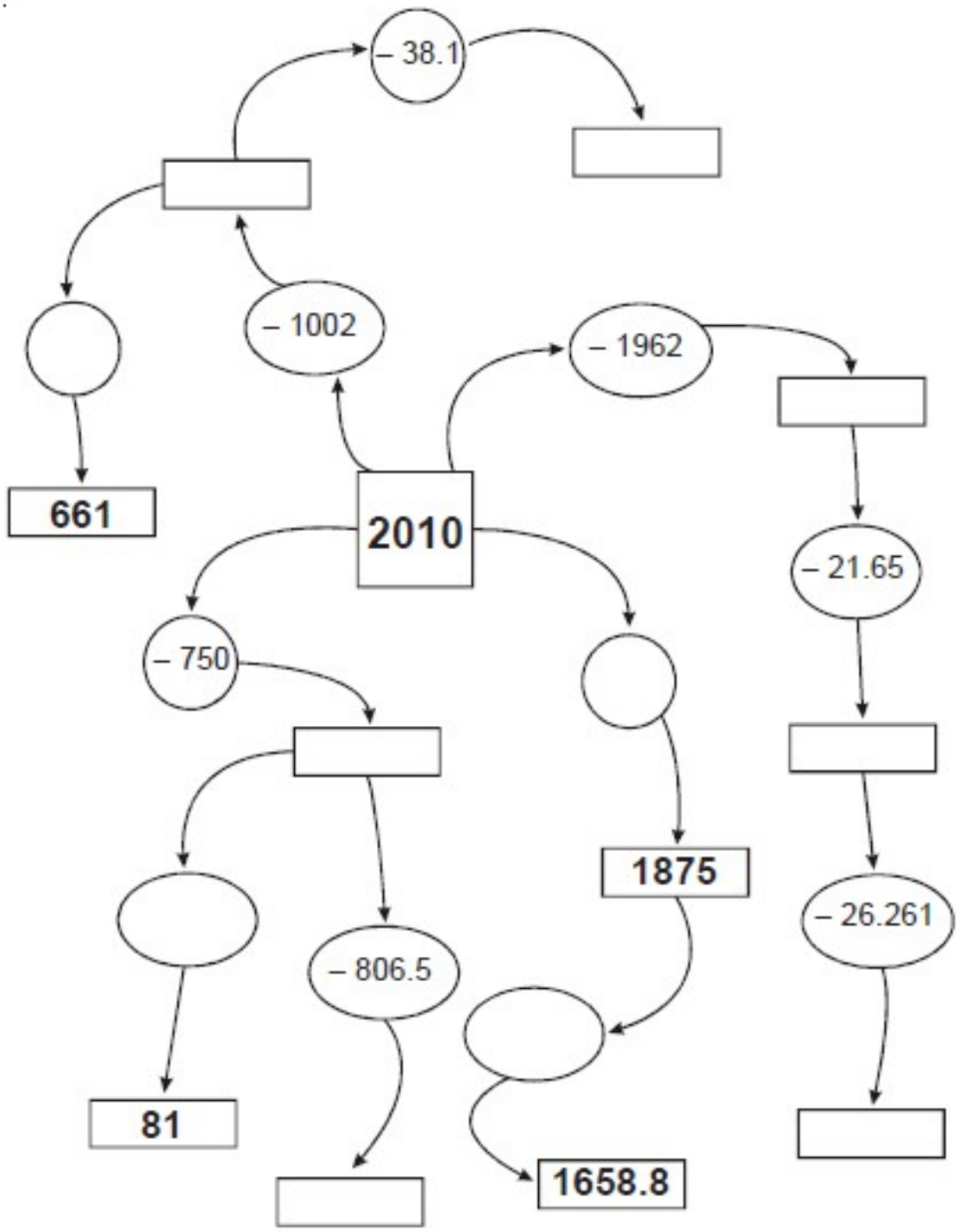
3) 94.78 – 36 = _____

4) 3564 – 1971.6 = _____

5) 800 – 237.62 = _____

N14b Subtraction - Decimals

Complete the boxes and the circles:



PSHE Learning

Gratitude Journal Prompts:

- Write about a time you were grateful for something a loved one did for you.
- List three silly things you or your family did today.
- What are three ways to thank someone without saying “thank you”?
- What is something that makes you unique that you’re grateful for?
- Look out the window, what’s something you’re grateful for outside?
- Think about the work that went into the clothes you wear or the house you live in.
- If you had to give up all of your possessions but three, which three would you keep and why?
- Write a thank you note to yourself.
- Pick a random photo, and write about why you’re grateful for that memory.
- Write about something you’re looking forward to.
- Write about something in your life that you have now that you didn’t have a year ago.
- Reflect on a time you made a mistake and what you learned. What are you grateful for about that learning experience?
- Write about why you’re grateful for your house.
- Think back to the last time you laughed until you cried, and write about it.
- List three things that made you smile this week.
- Think about someone who helped shape the person you are today, and write about what they mean to you.
- Think about a time you were able to help someone else.
- List three people who helped you through a tough situation.
- Name someone who did something nice for you unprompted.

Ideas to write about:

- A family tradition
- A silly moment
- A struggle you’re facing
- A recent change in your life
- A recent accomplishment
- The current season
- Something new you learned recently