



Home Learning Timetable

Year 5 and 6

5-6th November 2020

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	English	Maths	Other subjects
Monday			
Tuesday			
Wednesday			
Thursday	<ol style="list-style-type: none"> https://classroom.thenational.academy/lessons/to-explore-expanded-noun-phrases-6hh36c?step=1&activity=video https://www.youtube.com/watch?v=wOLK8_ZRvVA&t=200s https://www.youtube.com/watch?v=WhEoRVNjfDs 	https://classroom.thenational.academy/lessons/short-division-part-3-ctj3cr?step=2&activity=video	<ol style="list-style-type: none"> https://classroom.thenational.academy/lessons/what-is-light-c4w30d?step=1&activity=video https://www.youtube.com/watch?v=b1KwZTtziY
	<p>Watch the video from Oak Academy (1) and complete the tasks. If you still need some help, here's George with another explanation! (2) and of course a song (3) ☺</p>	<p>Watch the video from Oak Academy and complete the tasks. There are additional calculations on the page below and for an extra challenge, some mastery tasks. Use a place value grid on scrap paper if you need to.</p>	<p>Watch the video about light (1). Watch video 2 and research Thomas Edison. Show your information in an interesting way e.g. poster, cartoon, double page spread.</p>
Friday	<ol style="list-style-type: none"> https://classroom.thenational.academy/lessons/to-explore-prepositions-6wwkcd https://www.youtube.com/watch?v=ZDr0JEYJxq4 https://www.youtube.com/watch?v=sP1jAltD35g 	<p>6 group - https://vimeo.com/461398665 5 group - https://vimeo.com/461397189</p>	<p>French numbers to 50. Song Youtube link (for anyone without PowerPoint) https://www.youtube.com/watch?v=wlyqz2unHKc Here is an online activity for you to practise your teen numbers: http://www.crickweb.co.uk/ks2french.html</p>

	<p>Watch the video from Oak Academy (1) and complete the tasks. If you still need some help, here's George with another explanation! (2) and of course a song (3) ☺</p>	<p>Watch the videos from White Rose Maths. Do the one for whichever group you are usually in. The worksheets are attached below. They can be done on the sheet (if printed) or just on a piece of paper.</p>	<p>I have included a PowerPoint with this email that we would have used in class. There is also a word search. If you don't have PowerPoint, you can download it free and log in using your office 365 login. Don't worry if you can't get the Powerpoint to work as you can still use the video and do the word search.</p>
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Short Division Practice Worksheet

1.

2	4	1					

2.

8	2	5	7				

3.

9	3	9	9				

4.

5	2	1	4				

5.

7	5	4	5				

6.

9	8	6	7				

7.

5	4	3	3				

8.

5	1	3	7				

9.

7	4	3	9				

10.

8	4	8	9				

11.

1	1	3	4	2			

12.

1	2	2	9	8			

Mastery Tasks

1. Explain the mistakes in these calculations:

$$\begin{array}{r} 207 \\ 12 \overline{)324} \end{array}$$

$$\begin{array}{r} 16 \text{ r}8 \\ 14 \overline{)224} \end{array}$$

$$\begin{array}{r} 75 \\ 11 \overline{)715} \end{array}$$

2. Find the missing numbers in these calculations:

$$\begin{array}{r} 2 \square \square \\ 12 \overline{)3 \square 80} \end{array}$$

$$\begin{array}{r} 30 \square \\ 1 \square \overline{)52 \square 3} \end{array}$$

$$\begin{array}{r} \square 16 \\ \square 3 \overline{)95 \square 8} \end{array}$$

$$\begin{array}{r} \square 1 \square \text{ r}7 \\ 13 \overline{)66 \square 9} \end{array}$$

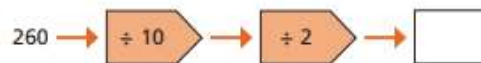
$$\begin{array}{r} 2 \square 7 \text{ r}9 \\ \square 8 \overline{) \square 175} \end{array}$$

$$\begin{array}{r} 33 \square \text{ r}14 \\ 21 \overline{)7 \square \square 0} \end{array}$$

Division using factors

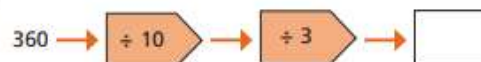
1 Complete the divisions using factors.

a)



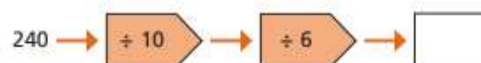
$$260 \div 20 = \square$$

b)



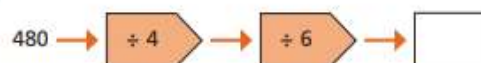
$$360 \div 30 = \square$$

c)



$$240 \div \square = \square$$

d)



$$480 \div \square = \square$$

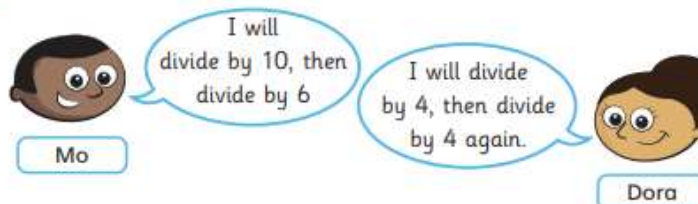
2 Jack and Rosie are calculating $816 \div 48$

Jack divides by 8 and then by 6

Rosie divides by 12 and then by 4

- Show that they get the same answer.
- Explain why Jack and Rosie get the same answer.
- Which is the easiest method? Why?

3 Mo and Dora are calculating $2,560 \div 16$



Who is correct? Show your workings.

4 Ron is calculating $3,024 \div 36$

a) Which of these methods gives the correct answer?

$$3,024 \div 6 \div 6 \quad 3,024 \div 18 \div 18 \quad 3,024 \div 9 \div 4$$

b) What other methods could Ron use to calculate $3,024 \div 36$?

5 Use factors to complete these divisions.

- $360 \div 40$
- $625 \div 25$
- $1,275 \div 15$
- $7,200 \div 18$

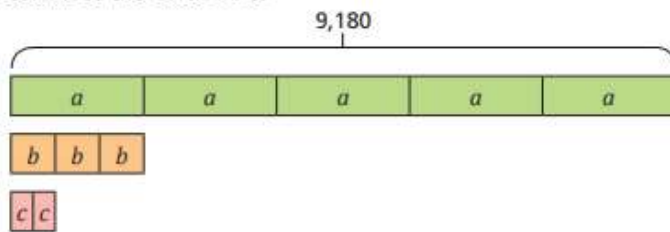
- 6 These divisions give the same answer.

Fill in the gaps.

$888 \div 8 \div 3$	$888 \div 6 \div \square$	$888 \div \square$	$888 \div 2 \div 6 \div \square$
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What is the answer?

- 7 a) Calculate the value of c .



- b) How did you work this out? Compare methods with a partner.



- 8 Eva is thinking of a number.

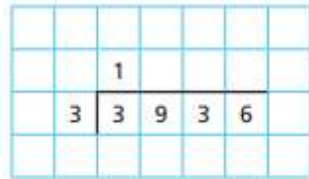
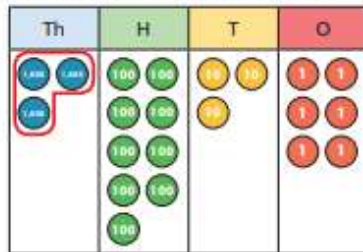
I multiply it by 6,
then multiply the answer
by 8, then subtract 500.
The result is 9,100



Divide 4-digits by 1-digit

- 1 a) Circle the groups of 3 to help you complete the sentences and calculation.

The first step has been done for you.



There is group of 3 thousands.

There are groups of 3 hundreds.

There is group of 3 tens.

There are groups of 3 ones.

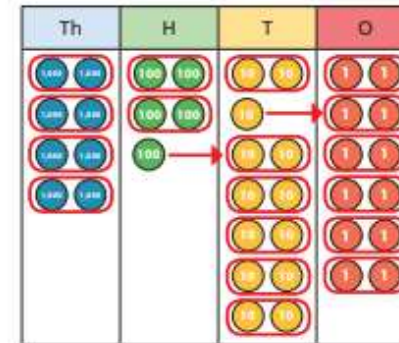
$$3,936 \div 3 = \boxed{}$$

- b) Use a place value chart to work out $8,404 \div 4$



- 2 Use a place value chart to work out the divisions.

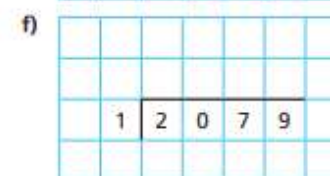
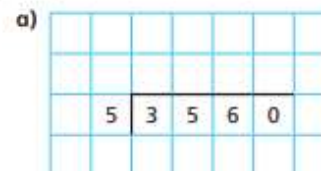
a) $8,532 \div 2$



b) $5,296 \div 4$

c) $6,078 \div 6$

- 3 Complete the divisions.



Could you have calculated the answer to part f) more efficiently?





4 Work out the values of a , b and c .

9,415						
a	a	a	a	a	a	a

120	120	120	120
c	c	c	c

b	b	b	b	b	b	b	b
5,328							



5 Find the missing digits.

a)


		2	2		1
		8	9	6	

b)

		3		6	
		6	5		4



6 Books are available to buy in three different deals.

Deal A	Deal B	Deal C
		
£12.99	£38.16	£25.60

Which is the best deal?

Show your workings.

Find the words:

____/____/____

E H I K M Y N
S Y P H Q U X
Z Y F O S D Z
T G U W G O O
S E I D I X N
T W B Q U A R A N T E N E U F O K
J T N W F K C P U N S L S E S R Z
U L T R E N T E S E P T T E L I D
V I N G T D E U X Q G N T F R C X
D L V Z T Y P L M D A N E E B I U
T R E I Z E P G E U A Y T T S N Q
D T R O I S O K Q R D N T M R Q Z
S F N A M E F
W I U K R N E
C Q I T D Z Z
L D R A N H A
S Q G O H V P

- UN
- TROIS
- CINQ
- SIX
- DIX
- ONZE
- TREIZE
- VINGT-DEUX
- TRENTE
- TRENTE-SEPT
- QUARANTE
- QUARANTE-NEUF
- CINQUANTE

