

Good morning



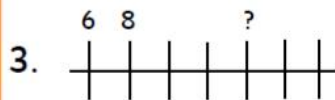
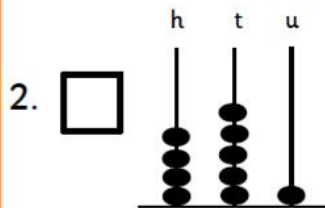
Home Learning
Tuesday 7th July

Mental Maths

Start each Maths session with some quick mental maths questions.
Choose your colour challenge and just write the answers – don't use a written method to work it out.

Why not try all four?

1. What is the next number? 30, 40, 50,



4. What is the sum of 4/10 9 and 3?

5. Take 1 from 400.

1. Is this angle obtuse, acute or a right-angle?



2. Subtract 13 from six eights.

3. $64 \div 8 =$

4. What number does this tally show?



5. What are the factors of 18?

6. What is half of £7?

1. What number is halfway between 5800 and 7200?

2. Rewrite $\frac{9}{12}$ in its lowest terms.

3. What fraction of a minute is 1 second?

4. 10% of 40 =

5. $0.6 + 0.008 + 6.03 =$

6. Put these numbers in order, largest first.
5.0017, 4.789, 5.009, 5.07

1. What is the average of 4.6 and 9.8?

2. $8^2 = 56 + \square$

3. $x = 5$, $y = 3$
 $5y + 3x =$

4. 25% of 500

5. What is $\frac{1}{2}$ of $\frac{1}{3}$?

6. $8^3 =$

7. What number is halfway between -5 and 410?

Tuesday 7th July
L.O. – divide with remainders

Maths

Today, you are going to be continuing to practise the short method of division.

If you want a quick reminder, follow this link to the BBC Bitesize Daily Maths lessons:
<https://www.bbc.co.uk/bitesize/articles/zfdsy9q>

Remember:

Today's challenges are split into A and B questions. You can choose to do one of these or, if you have time, try both.

Challenge:

Follow this link and have a go at the Remainders Game
<https://nrich.maths.org/6402>

Fabulous Challenge

Divide with Remainders

1a. Match the questions to the correct answer.

a. $2,547 \div 2$

712 r1

b. $2,137 \div 3$

1,273 r1

c. $4,524 \div 5$

904 r4



VF

2a. True or false? The answer to the calculation below has a remainder.

$$2,557 \div 5$$



VF

3a. The missing number is the same as the remainder. What is the missing number?

$$\begin{array}{r} 10\boxed{}1\text{ r } \boxed{} \\ 5 \overline{) 5209} \end{array}$$



VF

4a. Calculate the value of A.

3,125			
A	A	A	2



VF

Divide with Remainders

1b. Match the questions to the correct answer.

a. $4,613 \div 2$

1,040 r1

b. $5,201 \div 5$

1,145 r2

c. $3,437 \div 3$

2,306 r1



VF

2b. True or false? The answer to the calculation below has a remainder.

$$1,243 \div 2$$



VF

3b. The missing number is the same as the remainder. What is the missing number?

$$\begin{array}{r} 213\boxed{}\text{ r } \boxed{} \\ 2 \overline{) 4263} \end{array}$$



VF

4b. Calculate the value of B.

3,627					
B	B	B	B	B	2



VF

Fantastic Challenge

Divide with Remainders

5a. Match the questions to the correct answer.

a. $2,463 \div 6$

1,031 r3

b. $4,127 \div 4$

311 r1

c. $2,489 \div 8$

410 r3

VF

Divide with Remainders

5b. Match the questions to the correct answer.

a. $3,289 \div 8$

703 r1

b. $3,667 \div 6$

411 r1

c. $2,813 \div 4$

611 r1

VF

6a. True or false? The answer to the calculation below has a remainder.

$2,467 \div 6$

VF

6b. True or false? The answer to the calculation below has a remainder.

$2,224 \div 4$

VF

7a. The missing number is the same as the remainder. What is the missing number?

$$\begin{array}{r} \square 041 \text{ r } \square \\ 6 \overline{) 6247} \end{array}$$

VF

7b. The missing number is the same as the remainder. What is the missing number?

$$\begin{array}{r} 1 \square 02 \text{ r } \square \\ 8 \overline{) 9618} \end{array}$$

VF

8a. Calculate the value of A.

1,269						
A	A	A	A	A	A	3

VF

8b. Calculate the value of B.

3,247				
B	B	B	B	3

VF

Fun Challenge

Divide with Remainders

9a. Match the questions to the correct answer.

a. $6,376 \div 7$

503 r1

b. $4,528 \div 9$

809 r2

c. $7,283 \div 9$

910 r6



VF

Divide with Remainders

9b. Match the questions to the correct answer.

a. $5,465 \div 9$

507 r5

b. $2,848 \div 7$

607 r2

c. $3,554 \div 7$

406 r6



VF

10a. True or false? The answer to the calculation below has a remainder.

$$8,172 \div 9$$



VF

10b. True or false? The answer to the calculation below has a remainder.

$$3,875 \div 7$$



VF

11a. The missing number is the same as the remainder. What is the missing number?

$$\begin{array}{r} 08\boxed{}\boxed{}r\boxed{} \\ 7 \overline{) 5834} \end{array}$$



VF

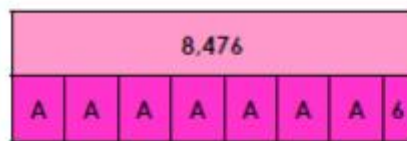
11b. The missing number is the same as the remainder. What is the missing number?

$$\begin{array}{r} \boxed{}\boxed{}07r\boxed{} \\ 9 \overline{) 9964} \end{array}$$



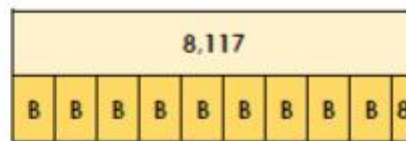
VF

12a. Calculate the value of A.



VF

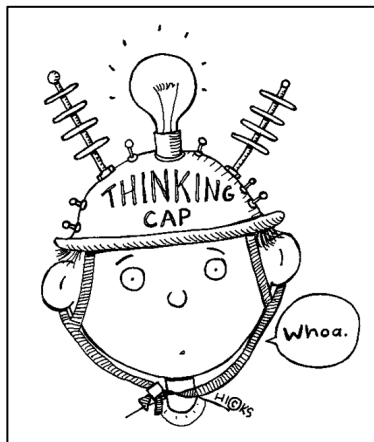
12b. Calculate the value of B.



VF

ei and ie words – it can be very hard to know whether to use **ei** or **ie**

Login to **espresso**
and find this word
search:
KS2 English
Spelling (Upper)
Printable resources



Word search: vowel patterns 'ie' or 'ei'

Find the eight words containing the letter combinations 'ei' or 'ie'. Use the words to complete the sentences below, and then sort them into the correct columns in the table. Can you spot a spelling pattern?

b	r	i	e	f	b	i	r	m	f	r
t	m	c	k	h	d	y	e	o	i	p
o	t	e	i	t	e	t	c	r	e	i
k	s	i	a	h	c	a	e	f	l	a
h	h	l	c	a	e	b	i	n	d	e
w	m	i	g	e	i	w	v	g	v	t
v	j	n	r	y	v	v	e	r	t	p
y	l	g	n	z	e	e	n	d	c	j
s	r	m	h	s	h	i	e	l	d	m
r	e	c	e	i	p	t	b	l	t	k
e	t	s	n	i	e	c	e	s	y	e

Tuesday 7th July

L.O. – to make careful vocabulary choices.

Find the page in the booklet which looks like this:

Creating a mood with a sentence of 3 (a)

In the story, I've tried to create an atmosphere or mood by writing a brief description of the setting, using the prepositions 'outside' and 'inside' to start the sentences to contrast the moods and using sentences of 3 to build the description. If you look at the 'outside' sentence below carefully, you'll see that it tells us 3 things that the wind is doing.

Use the weather to create
an atmosphere – a storm
brewing!

Make the weather
seem 'alive' using
animal sounds

You are going to use some of these descriptive writing techniques in your own writing.

- **A sentence of 3** – include three parts to your description.
- **Personification** – make the weather come alive with your description of it like an animal.
- **Contrasting prepositional phrases** – describe conditions inside and outside.
- Be **ambitious** with your vocabulary choices – maybe magpie some of the vocabulary that you explored last week.

Complete the outside and inside sentences. Remember to make them very different.

Keeping in touch

- Do try to keep in touch at least ***once a week***.



- Please bring your English booklet with you to tomorrow's Zoom meeting so that we can share some of your creative writing.

- Next week, you will be writing your own wishing story.



- **Zoom times will stay the same this week**
- **1.30 or 2.30 pm**
- **The groups may vary, so keep an eye on emails.**