

# Monday 11<sup>th</sup> May - Maths

1. Warm up 1 – High 5 – Complete one set of the below questions. Answers are at the bottom of this sheet.

Mild

- 1)  $2567 + 498 =$
- 2)  $541 - 361 =$
- 3)  $16 \times 4 =$
- 4)  $78 \div 6 =$
- 5)  $1/8 + 3/8 =$

Spicy

- 1)  $4531 + 2498 =$
- 2)  $6541 - 3561 =$
- 3)  $56 \times 4 =$
- 4)  $168 \div 6 =$
- 5) Is  $6/12$  the same as  $3/6$  or  $4/6$ ?

Hot

- 1)  $4531 + 5498 =$
- 2)  $8541 - 3561 =$
- 3)  $124 \times 4 =$
- 4)  $337 \div 6 =$
- 5)  $10/12 + 5/12 = 1 \frac{3}{12}$  or  $1 \frac{5}{12}$ ?

2. Warm up 2 - Spend 15 minutes on Times Table Rockstars – Sound check. Your child has an individual login to access this (see your login details page). Your child is aiming for 25/25.

3. MAIN LESSON – LO: To divide 2 digit numbers by 1 digit numbers.

Click this link <https://whiterosemaths.com/homelearning/year-4/>

Scroll to the bottom of the webpage and select Summer Term - Week 3 (w/c 4th May) Select Lesson 3 – divide 2-digit by 1-digit number. Watch the video for this lesson and then complete the activity below in your work book.

When you feel you have answered all the question you can, mark your answers. Discuss your answers with an adult and together work on the questions you perhaps weren't too sure of.

**Please see task on next page.**

- i** Whitney is working out  $49 \div 4$  using a place value chart.

Tens	Ones
10	1 1
10	1 1
10	1 1
10	1 1

1

- a) Talk about Whitney's method with a partner.  
b) Why is there one counter left over?

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- c) Complete the division.

$$49 \div 4 = \square$$

- d) Use place value counters to complete the divisions.

$$50 \div 4 = \square$$

$$51 \div 4 = \square$$

What do you notice?

**2**

Complete the divisions.

a)  $47 \div 3 =$

e)  $49 \div 6 =$

b)  $26 \div 5 =$

f)  $47 \div 4 =$

c)  $89 \div 4 =$

g)  $74 \div 3 =$

d)  $32 \div 5 =$

h)  $81 \div 7 =$

**3**

Complete the divisions.

a)  $36 \div 4 =$

c)  $45 \div 3 =$

$37 \div 4 =$

$46 \div 3 =$

$38 \div 4 =$

$47 \div 3 =$

$39 \div 4 =$

$48 \div 3 =$

$40 \div 4 =$

$49 \div 3 =$

b)  $70 \div 5 =$

d)  $92 \div 4 =$

$71 \div 5 =$

$91 \div 4 =$

$72 \div 5 =$

$90 \div 4 =$

$73 \div 5 =$

$89 \div 4 =$

$74 \div 5 =$

$88 \div 4 =$

4

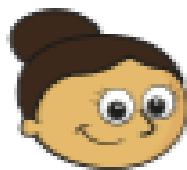
Dora has been working out some divisions.

$$72 \div 4 = 18$$

$$73 \div 4 = 18 \text{ r}1$$

$$74 \div 4 = 18 \text{ r}2$$

$$75 \div 4 = 18 \text{ r}3$$



I know without working it out that  $76 \div 4$  must be  $18 \text{ r}4$

a) Why does Dora think this?

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b) Explain why Dora is wrong.

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5

Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.



a) Complete the division to work it out.

$$\square \div \square = \square \text{ r} \square$$




b) What does the remainder represent?

Talk about it with a partner.

c) Complete the sentence.

Annie can fill  boxes with  eggs left over.

6 Jack has these bulbs.

	Daffodils 49
	Tulips 63
	Crocuses 98

Equal numbers of each bulb are put into 4 tubs.

How many of each bulb will be in each tub?

Daffodils  Tulips  Crocuses

How many of each bulb will be left over?

Daffodils  Tulips  Crocuses

How many tubs could Jack use so that there are no bulbs left over?

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# Monday 11<sup>th</sup> May – Maths answers

Mild

- 1)  $2567 + 498 = 3065$
- 2)  $541 - 361 = 180$
- 3)  $16 \times 4 = 64$
- 4)  $78 \div 6 = 26$

Spicy

- 10)  $4531 + 2498 = 7029$
- 11)  $6541 - 3561 = 2980$
- 12)  $56 \times 4 = 224$
- 13)  $168 \div 6 = 28$

Hot

- 6)  $4531 + 5498 = 10,029$
- 7)  $8541 - 3561 = 4980$
- 8)  $124 \times 4 = 496$
- 9)  $337 \div 6 = 56r1$

**I** Whitney is working out  $49 \div 4$  using a place value chart.

Tens	Ones
	
	
	
	



- a) Talk about Whitney's method with a partner.
- b) Why is there one counter left over?

It is a remainder.

- c) Complete the division.

$$49 \div 4 = \boxed{12r1}$$

- d) Use place value counters to complete the divisions.

$$50 \div 4 = \boxed{12r2}$$

$$51 \div 4 = \boxed{12r3}$$

What do you notice?

2

Complete the divisions.

a)  $47 \div 3 = 15r2$

e)  $49 \div 6 = 8r1$

b)  $26 \div 5 = 5r1$

f)  $47 \div 4 = 11r3$

c)  $89 \div 4 = 22r1$

g)  $74 \div 3 = 24r2$

d)  $32 \div 5 = 6r2$

h)  $81 \div 7 = 11r4$

3

Complete the divisions.

a)  $36 \div 4 = 9$

c)  $45 \div 3 = 15$

$37 \div 4 = 9r1$

$46 \div 3 = 15r1$

$38 \div 4 = 9r2$

$47 \div 3 = 15r2$

$39 \div 4 = 9r3$

$48 \div 3 = 16$

$40 \div 4 = 10$

$49 \div 3 = 16r1$

b)  $70 \div 5 = 14$

d)  $92 \div 4 = 23$

$71 \div 5 = 14r1$

$91 \div 4 = 22r3$

$72 \div 5 = 14r2$

$90 \div 4 = 22r2$

$73 \div 5 = 14r3$

$89 \div 4 = 22r1$

$74 \div 5 = 14r4$

$88 \div 4 = 22$

4

Dora has been working out some divisions.

$$\begin{aligned} 72 \div 4 &= 18 \\ 73 \div 4 &= 18 \text{ r}1 \\ 74 \div 4 &= 18 \text{ r}2 \\ 75 \div 4 &= 18 \text{ r}3 \end{aligned}$$



I know without working it out that  $76 \div 4$  must be  $18 \text{ r}4$

a) Why does Dora think this?

She has spotted a pattern.

b) Explain why Dora is wrong.

You can't have a remainder of 4 when dividing by 4

5

Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.



a) Complete the division to work it out.

$$\boxed{75} \div \boxed{6} = \boxed{12} \text{ r} \boxed{3}$$



- 4 Dora has been working out some divisions.

$$\begin{array}{l} 72 \div 4 = 18 \\ 73 \div 4 = 18 \text{ r}1 \\ 74 \div 4 = 18 \text{ r}2 \\ 75 \div 4 = 18 \text{ r}3 \end{array}$$



I know without working it out that  $76 \div 4$  must be  $18 \text{ r}4$

- a) Why does Dora think this?

She has spotted a pattern.

- b) Explain why Dora is wrong.

You can't have a remainder of 4 when dividing by 4.

- 5 Eggs come in boxes of 6

Annie has 75 eggs.

She wants to know how many boxes she can fill.



- a) Complete the division to work it out.

$$\boxed{75} \div \boxed{6} = \boxed{12} \text{ r} \boxed{3}$$