LI… TO ADD AND SUBTRACT NUMBERS WITH DECIMALS.

SC...

* I CAN USE MY KNOWLEDGE OF NUMBER FAMILIES/ NUMBER FACTS.
* I CAN CORRECTLY PLACE THE DECIMAL POINT IN MY ANSWER.
* I CAN USE MY KNOWLEDGE OF EXCHANGING/ BORROWING.

Instruction:
Firstly, please watch the lesson on the video link
https://youtu.be/PnwLv6khwk8

Next, choose a worksheet that best suits your ability.

I will do a quick check in after 15 minutes of giving you the task so I can answer any questions.

Finally, once you have done answering the questions, please check your answers by checking the answer sheet which is at the bottom this PowerPoint. Remember, only use the answer sheet when you are done with the 'questions.

We will have a Plenary at 12.15. which means I will be on video call with you ☺

MILD

Adding or Subtracting Decimals

Be able to add or subtract decimal numbers

When you add or subtract decimal numbers, it is important to

..... line up the decimal points.

Example :- To add 3·7 and 4·62 =>

$$\begin{array}{r} 3{\cdot}7 \\ +\ 4{\cdot}62 \\ \hline 8{\cdot}32 \\ {\scriptstyle 1} \end{array}$$

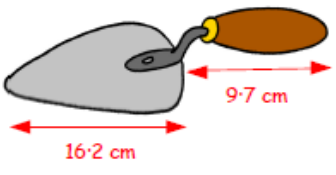
Exercise 5

1. Try to do the following mentally. Write down the answers to :-

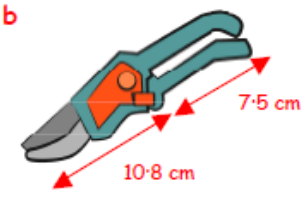
a	4·8 + 5·1	b	6·6 + 2·3	c	3·9 + 8·4	d	8·7 + 3·5
e	0·34 + 0·46	f	0·49 + 0·37	g	0·42 + 0·78	h	0·44 + 0·97
i	5·2 + 5·56	j	9·1 + 2·45	k	3·99 + 4·33	l	2·7 + 5·65
m	4·8 – 4·5	n	9·6 – 6·2	o	8·7 – 0·6	p	2·5 – 0·5
q	7·7 – 4·9	r	8·4 – 1·8	s	11 – 0·86	t	3 – 0·43.

2. What is the total length of each of the following garden implements ? (Try to do it mentally).

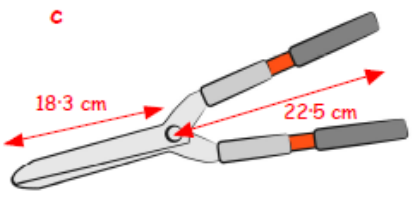
a



b



c



HOT

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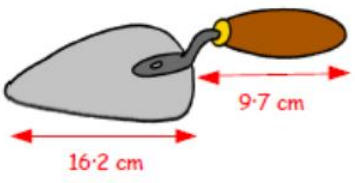
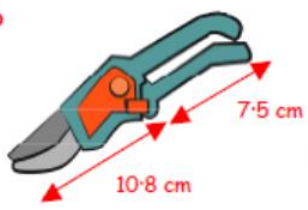


b



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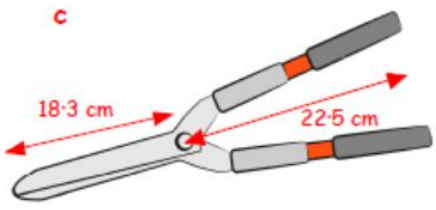


3. Try the following **mentally** :-

a An empty cooking pot weighs 0·6 kilograms.
3·7 kilograms of meat are placed in the pot.

What is the combined weight ?

b It is 6·9 miles along the motorway from my house to the supermarket.
If I go the scenic route, it is 9·5 miles to the supermarket.

How much shorter is it to travel on the motorway ?

c

Three boys get pocket money from their gran each Friday.
Bob gets £7·30, as he is the oldest.
Fred gets £5·50 and young Dave gets £3·80.

How much money does gran pay out each week ?

d May travels 5·8 km by motorbike from her home to meet Joe.
Nan travels 6·7 km from her home to meet May.
After their meeting, they both return to their own homes.

What is the **combined** distance of both their journeys ?

SPICY

47

SPRING BULB CORNER

1 In January, the height of John's daffodil plant was 5·6 cm.

How tall were these children's daffodils?

(a)

My daffodil is 0·7 cm **taller** than John's.

Sally

(b)

Mine is 0·9 cm **shorter** than John's.

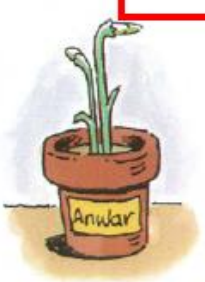
Mark

2 (a) 3·5 + 2·9 (b) 2·8 + 4·4 (c) 0·9 + 0·9 (d) 1·7 + 7·8 (e) 6·5 + 3·6

(f) 7·2 − 4·8 (g) 3·1 − 1·3 (h) 6·7 − 2·6 (i) 4·9 − 3·9 (j) 8·0 − 2·4

(k) 3·8 + ■ = 6·7 (l) 5·4 + ■ = 9·0 (m) 7·7 − ■ = 1·8 (n) 9·5 − ■ = 5·9

3



In March, Anwar's daffodil had grown to a height of 23·5 cm.

- Beth's daffodil was 12·1 cm taller than Anwar's.
- Peter's daffodil was 10·3 cm shorter than Anwar's.

How tall was (a) Beth's daffodil (b) Peter's daffodil?

4 (a) 45·2 + 30·7 (b) 17·0 + 52·5 (c) 36·3 + 24·4 (d) 18·1 + 34·6

(e) 14·8 + 13·3 (f) 21·9 + 35·7 (g) 12·5 + 28·5 (h) 55·8 + 19·9

a b c d e f g h

5 (a) 37·8 − 25·4 (b) 69·6 − 32·5 (c) 42·7 − 24·2 (d) 35·4 − 17·1

(f) 78·3 − 27·3 (g) 56 − 22·6 (h) 34·5 − 13·7 (i) 40·2 − 26·8

a b c d e f g h

6 Three classes at Elmsford School grew sunflowers.
In June, the children compared the heights of their plants.

0·32 m taller than P.6

1·6 m tall

0·43 m shorter than P.6

What was the height of the sunflower in (a) P.7 P.5?

7 (a) 3·24 + 5·55 1·46 + 7·26 6·09 + 1·97 4·73 + 2·58

(e) 9·75 − 3·61 8·93 − 5·4 5 − 2·29 7·03 − 1·45

MILD AND HOT ANSWER SHEET

Chapter 5 - Exercise 5 (page 48)

1.	a	9·9	b	8·9	c	12·3	d	12·2
	e	0·8	f	0·86	g	1·2	h	1·41
	i	10·76	j	11·55	k	8·32	l	8·35
	m	0·3	n	3·4	o	8·1	p	2·0
	q	2·8	r	6·6	s	10·14	t	2·57
2.	a	25·9cm	b	18·3cm	c	40·8cm		
3.	a	4·3kg	b	2·6miles	c	£16·60	d	25·0km

SPICY ANSWERS- PLEASE USE A CALCULATOR TO CHECK YOUR ANSWERS.