

## Thursday 25th June Maths

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

Mild

- 1)  $987 + 452 =$
- 2)  $1982 - 415 =$
- 3)  $122 \times 3 =$
- 4)  $396 \div 8 =$
- 5)  $2/5$  of  $55 \text{ cm} =$

Spicy

- 1)  $6780 = 5411 + ?$
- 2)  $2890 = ? - 431$
- 3)  $264 \times 6 =$
- 4)  $125 \div 4 =$
- 5)  $4/7$  of  $161 \text{ ml} =$

Hot

- 1)  $4919 + 5199 =$
- 2)  $8389 - 3909 =$
- 3)  $121 \times ? = 363$
- 4)  $4395 \div 8 =$
- 5)  $4/7$  of  $168 \text{ cm} = ? \text{ mm}$

Main lesson:

Watch the video for this

lesson: <https://whiterosemaths.com/homelearning/year-4/>

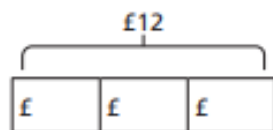
Then complete the activities on the following pages in your work book.

## Four operations

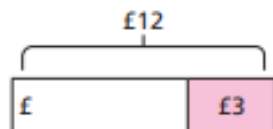
Maths

- 1 a) Match the problems to the bar models.

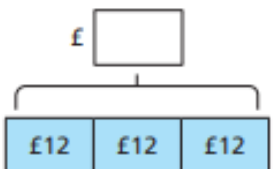
Nijah has £12. Her mum gives her £3 more. How much does she have now?



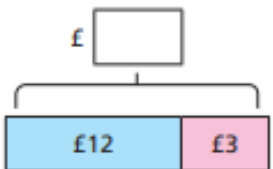
Nijah has £12. She buys a book for £3. How much does she have now?



Nijah has £12. She shares it between 3 of her friends. How much does each friend get?



Nijah has £12. Her friend has 3 times as much. How much does her friend have?



- b) Complete the bar models.

- 2 A child's ticket to the cinema costs £4.50 and an adult's ticket costs £7.95. Dexter wants to know how much more an adult's ticket costs than a child's ticket.



I just need to add £7.95 to £4.50 to find out how much more.

Do you agree with Dexter? \_\_\_\_\_

Explain your answer.

- 3 Whitney is finding the total of £23.70 and £34.40



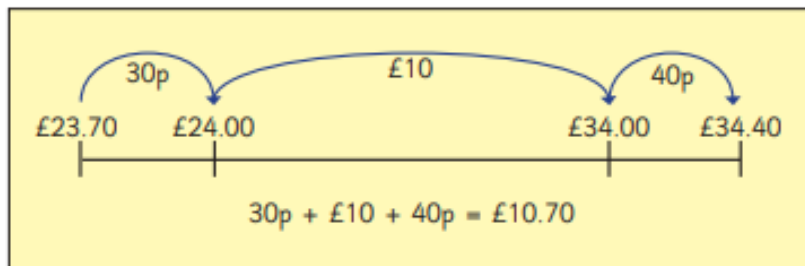
I can add £23 and £34 together to give £57 and add 70p and 40p together to give £1.10 and then combine the two parts. So the total is £58.10

Use Whitney's method to complete the additions.

a)  $£8.60 + £7.80 =$

b)  $£11.80 + £9.25 =$

- 4 Teddy uses a number line to find the difference between £23.70 and £34.40



Use Teddy's method to help you complete the sentences.

a) The difference between £17.30 and £32.45 is

b) The difference between £42.11 and £22.65 is

- 5 A shop sells these items.



a) Scott buys some marbles, a book and a cap.

He pays with a £20 note.

How much change does he get?

- b) Esther buys three sets of headphones.

She has a voucher for £5 off the total.

How much does Esther need to pay?

£

- c) Dani buys a cap and some marbles.

Tom buys a book.

How much more does Dani spend than Tom?

£

- 6 The board shows the cost of different rides at a theme park. Some of the prices are missing.

Use the clues to work out the missing prices.

- Frenzy costs one quarter of the price of Galaxy.
- Speedster costs double the price of Up 'n' Down.
- The combined cost of Galaxy and Up 'n' Down is £17.20

Up 'n' Down	£	<input type="text"/>
Speedster	£	<input type="text"/>
Galaxy	£12.80	
Frenzy	£	<input type="text"/>

Four operations

1 a) Match the problems to the bar models.

<p>Nijah has £12. Her mum gives her £3 more. How much does she have now?</p>	<p>The bar models are connected to the problems as follows:              - Problem 1 (Mum gives £3) connects to Model 1 (three £4 blocks).              - Problem 2 (buys book for £3) connects to Model 2 (one £9 block and one £3 block).              - Problem 3 (shares £12) connects to Model 3 (three £12 blocks).              - Problem 4 (friend has 3 times as much) connects to Model 4 (one £12 block and one £3 block).</p>
<p>Nijah has £12. She buys a book for £3. How much does she have now?</p>	
<p>Nijah has £12. She shares it between 3 of her friends. How much does each friend get?</p>	
<p>Nijah has £12. Her friend has 3 times as much. How much does her friend have?</p>	

b) Complete the bar models.

2 A child's ticket to the cinema costs £4.50 and an adult's ticket costs £7.95. Dexter wants to know how much more an adult's ticket costs than a child's ticket.



I just need to add £7.95 to £4.50 to find out how much more.

Do you agree with Dexter? No

Explain your answer.

3 Whitney is finding the total of £23.70 and £34.40



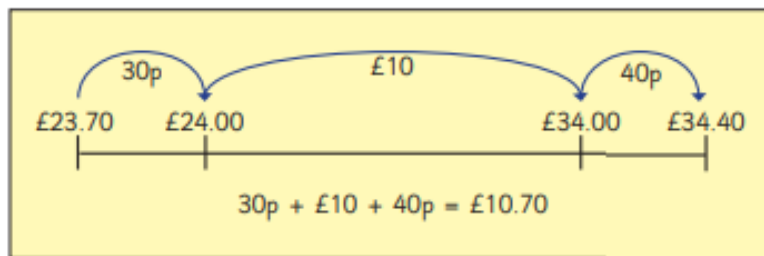
I can add £23 and £34 together to give £57 and add 70p and 40p together to give £1.10 and then combine the two parts. So the total is £58.10

Use Whitney's method to complete the additions.

a)  $£8.60 + £7.80 =$  £16.40

b)  $£11.80 + £9.25 =$  £21.05

- 4 Teddy uses a number line to find the difference between £23.70 and £34.40



Use Teddy's method to help you complete the sentences.

a) The difference between £17.30 and £32.45 is

b) The difference between £42.11 and £22.65 is

- 5 A shop sells these items.



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How much more does Dani spend than Tom?

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Use the clues to work out the missing prices.

- Frenzy costs one quarter of the price of Galaxy.
- Speedster costs double the price of Up 'n' Down.
- The combined cost of Galaxy and Up 'n' Down is £17.20

Up 'n' Down	£ <input type="text" value="4.40"/>
Speedster	£ <input type="text" value="8.80"/>
Galaxy	£12.80
Frenzy	£ <input type="text" value="3.20"/>

Mild

- 1)  $987 + 452 = 1439$
- 2)  $1982 - 415 = 1567$
- 3)  $122 \times 3 = 366$
- 4)  $392 \div 8 = 49$
- 5)  $2/5$  of  $55 \text{ cm} = 22\text{cm}$

Spicy

- 1)  $6780 = 5411 + 1369$
- 2)  $2890 = 2459 - 431$
- 3)  $264 \times 6 = 1584$
- 4)  $125 \div 4 = 31\text{r}1$
- 5)  $4/7$  of  $161\text{ml} = 92\text{ml}$

Hot

- 1)  $4919 + 5199 = 10118$
- 2)  $8389 - 3909 = 4480$
- 3)  $121 \times 3 = 363$
- 4)  $4395 \div 8 = 549\text{r}3$
- 5)  $4/7$  of  $168\text{cm} = 1080 \text{ mm}$