

Maths Mastery

Time



Time

1. Anika says that in $2\frac{1}{2}$ hours, the clock will say 3.00.
Jed says she is wrong and the clock will say 3.58.

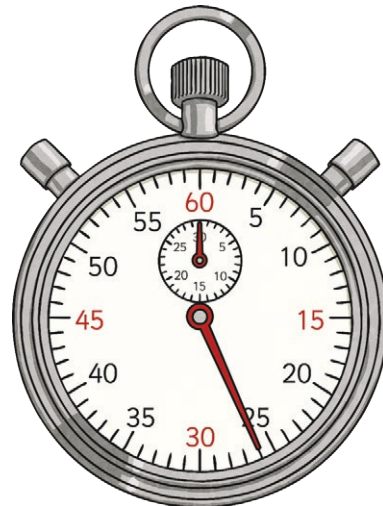
Who is correct?
Explain how you know.



Time

2. There are double the number of minutes in 6 hours than 3 hours.

Is this true or false?
Tell your partner your reasons.



Time

3. The Stanley family are going on their holidays to Devon.
Dad puts the postcode into the satnav.
The satnav says their journey will take 4 hours and 50 minutes.
They are leaving at 14.23.
Lily says they will be there at 18.33.
Frankie says they will be there at 19.13.

Who is correct?
How do you know?



Time

4. Use these signs to make these statements true: < = >

1hr 15 75 minutes

2hrs 32 2 hrs 23

90 minutes 1hr 20

48 hrs 2 days

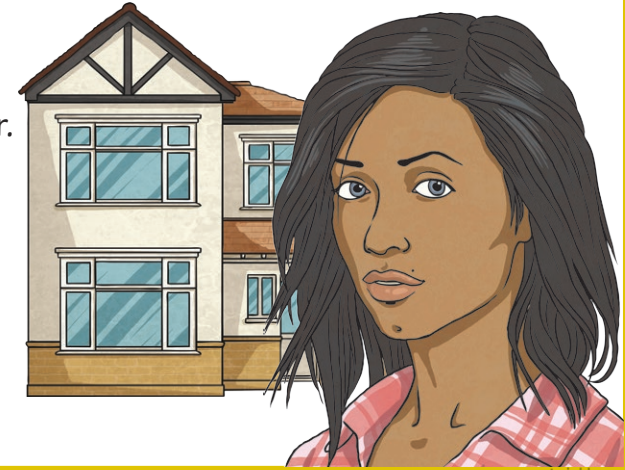
44 minutes $\frac{3}{4}$ hour

129 minutes 2hrs 9

Time

5. Astrid starts walking to her friend's house at 2.45pm. She estimates it will take her 37 minutes to get there. She tells her friend she will be there at 3.15pm.

Is she correct?
Explain your answer.



Time

6. Bertie has converted these analogue times to digital. Is he correct?

6.32pm  17.32

8.04pm  21.04

10.27pm  22.27

7.33pm  18.33

2.44pm  13.44

Time

7. I am in the evening.
I am an even hour.
My minutes are half of ten to the hour.
My hour is 120 minutes before midnight.

What time am I?



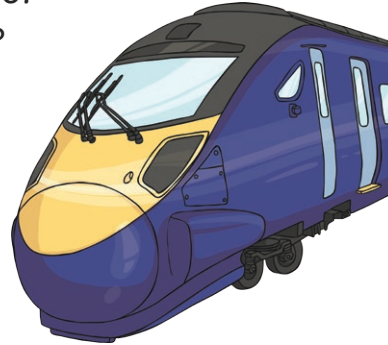
Time

1.

Wormwell	09.47	10.39	11.55
Bankfield	10.33	11.03	12.30
Lindel	10.49	11.20	12.44
Turnley	11.08	11.34	13.12

Ben gets a train from Wormwell to Lindel at 10.39.
He hopes to be at the cinema by 11.00.
Is this the right train for him to get?

Explain your answer.



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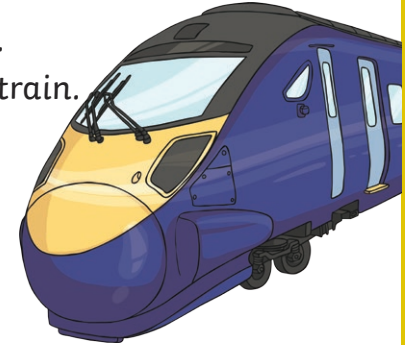
Time

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Connie is at her Gran's house in Bankfield.
Connie lives in Turnley.
Her mum wants her home by 13.00.
Connie is planning to get the 12.30 train.

What would you suggest she do?



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Maths Mastery Time Answers

1. Jed is correct. The time will be 3.58.
2. It is true because 6 is double 3. There are 180 minutes in 3 hours and 360 minutes in 6 hours.
3. Frankie is correct. They will arrive at 19.13.

4.

1hr 15	=	75 minutes	2hrs 32	>	2 hrs 23
90 minutes	>	1hr 20	48 hrs	=	2 days
44 minutes	<	$\frac{3}{4}$ hour	129 minutes	=	2hrs 9

5. No, Astrid will arrive at 3.22pm.

6. 6.32pm  18.32

8.04pm  20.04

10.27pm  22.27

7.33pm  19.33

2.44pm  14.44

7. My time is 22.25.
8. Ben should not get the 10.39 as this will make him 20 minutes late for the cinema. He should get the 09.47 train as it gets in at 10.49.
9. Connie should not get the 12.30 train as it will make her 12 minutes late home. She should get the 11.03 train to get home for 13.00.