

A close-up photograph of several green fern fronds against a dark, blurred background. The fronds are detailed, showing the texture of the leaflets and the central rachis. The lighting highlights the vibrant green color of the leaves.

RICH MATHEMATICAL TASK BOOKLET

MEASUREMENT
TIME

YEAR 0

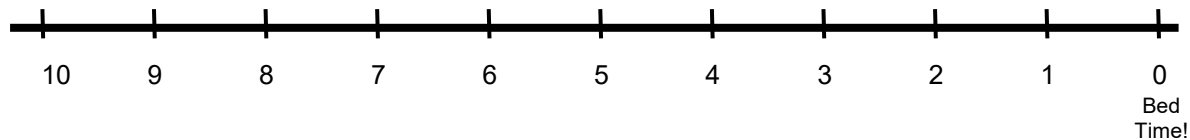
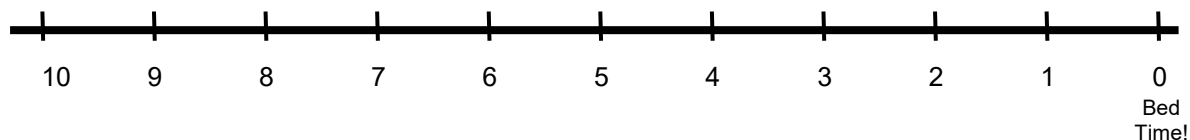
Copy Masters

*Year 4 Copy Masters: Measurement - Time***Task 1**

Make a timeline of the activities for the boy and the hamsters from when his father says, “ten minutes till bedtime.”

Make a timeline of the activities of the activities that you do from ten minutes before your bedtime.

Compare your timeline with your partner.



Year 4 Copy Masters: Measurement - Time

Task 1 (independent)

Draw the things that you do in the morning.

Draw things you do at night-time.

Make a timeline of things you do ten minutes before having dinner.

Make a timeline of things you do ten minutes before going to school.

Year 4 Copy Masters: Measurement - Time

Task 2

Write and draw all the things that you can do in minute.

Task 2 (independent)

Draw 5 things you can do in a second.

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Draw 5 things you can do that take one minute.

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Draw 5 things that take longer than one minute.

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Task 3

If you wake up at 5 o'clock in the morning, how many hours do you have before school starts at 9 o'clock?

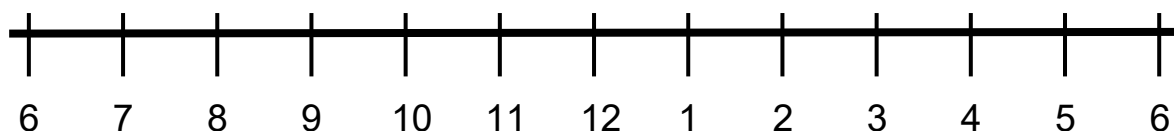
If you wake up at 7 o'clock in the morning, how many hours do you have before school starts at 9 o'clock?

What about if you woke up one hour before school starts, what time would that be?

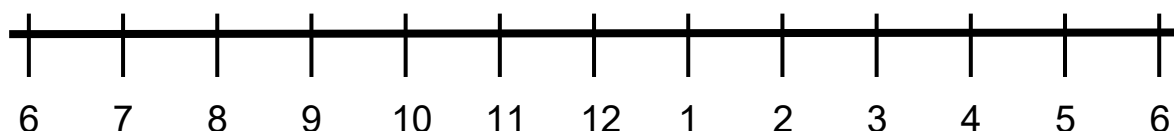
Task 3 (independent)

You go home from school at 3 o'clock.

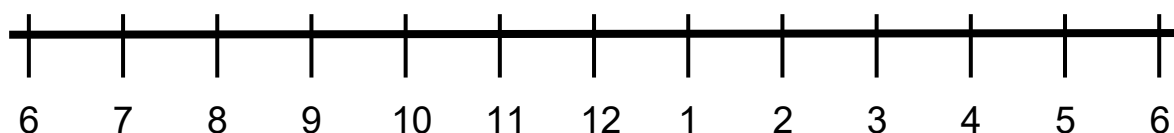
Use the timeline to find out how many hours you have to wait to go home if it is 2 o'clock.



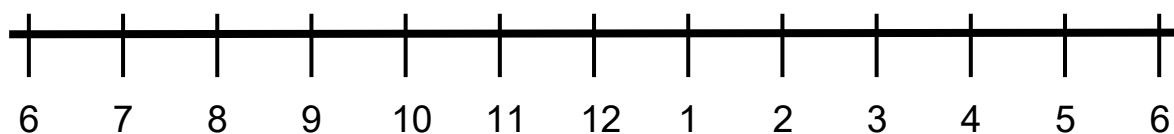
Use the timeline to find out how many hours you have to wait to go home if it is 1 o'clock.



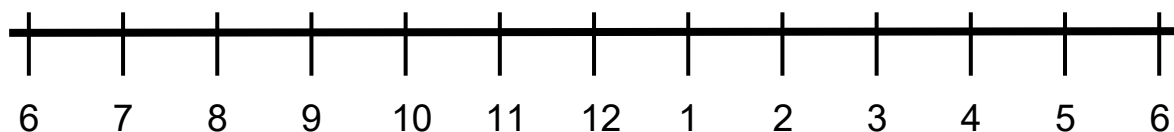
Use the timeline to find out how many hours you have to wait to go home if it is 12 o'clock.



Use the timeline to find out how many hours you have been at home after school if it is 4 o'clock.



Use the timeline to find out how many hours you have been at home after school if it is 6 o'clock.



Task 4

You start playing with your Lego at 1 o'clock in the afternoon. You have played with it for 2 hours. What is the time now?

You went to school at 9 o'clock. You have been in class for 3 hours. What is the time now?

You went home from school at 3 o'clock. You have been at your friend's house for 5 hours. What is the time now?

Task 4 (independent)

What are some things you like to do:

- In the mornings
- In the evening
- At school
- On Saturdays

What do you notice?

Task 5

Today is Tuesday. Nikita is having a birthday party on Saturday.

How many days are there until her birthday.

In seven days Sosia is having her birthday party. Today is Friday.

What day is her birthday party?

In two days on Saturday Timoti will have his birthday party. What day is it today?

Task 5 (resources)

Monday	Tuesday	Wednesday
Thursday	Friday	Saturday
Sunday		

Monday	Tuesday	Wednesday
Thursday	Friday	Saturday
Sunday		

Task 5 (independent)

Sort the cards into the order of the days of the week.

If today is Monday, what day is it tomorrow? What day was yesterday?

If today is Friday, what day is it tomorrow? What day was yesterday?

If today is Sunday, what day is it tomorrow? What day was yesterday?

Write and draw different things that you do on different days of the week.

Task 6

If school starts in February and holidays are in April. How many months are there from when school starts until the holidays?

My birthday is in six months. If this month is January, what month is my birthday?

I had my birthday three months ago. If it is November, what month was my birthday?

Task 6 (resources)

January	February	March
April	May	June
July	August	September
October	November	December
January	February	March
April	May	June
July	August	September
October	November	December

Task 6 (independent)

Count backwards in minutes from 10 minutes to 3 minutes?

Count backwards from 15 minutes to 8 minutes? Record the minutes.

Count backwards from 30 minutes to 18 minutes?

*Year 4 Copy Masters: Measurement - Time***Task 7**

Draw a timeline and record four things you do before you come to school.

Look at the timeline your buddy drew and compare which activities took the longest time and the shortest time.

Which activities took the same amount of time?

*Year 4 Copy Masters: Measurement - Time***Task 7 (independent)**

Write and draw activities that take seconds.

Write and draw activities that take minutes.

Write and draw activities that take hours.

Task 8

Daw a timeline showing 4 things that happen before midday and 4 things that happen after midday.

Make sure that you show on the timeline their order and how long each thing takes.

Task 8 (independent)

Write and draw things that you only do in summer.

Write and draw things that you only do in winter.

What do you notice? Record your thinking.

Task 9

Over the weekend you went to bed later than your usual bedtime of 8 o'clock. What time might you have gone to bed?

Record on a timeline.

Over the weekend you went to bed earlier than your usual bedtime of 8 o'clock. What time might you have gone to bed?

Record on a timeline.

Over the weekend you had dinner later than your usual time of 6 o'clock. What time might you have had dinner?

Record on a timeline.

Over the weekend you had dinner earlier than your usual time of 6 o'clock. What time might you have had dinner?

Record on a timeline.

Task 9 (independent)

Write and draw to make a timeline of your day from the time you wake up until you go to bed.

Task 10

Look at our timeline of birthdays.

Find someone who has a birthday in the month before yours.

Find someone who has a birthday three months before yours.

Find someone who has a birthday a month after yours.

Find someone who has a birthday three months after yours.

Blank Time Number Lines