

Year 4 ~ Maths ~ Week 4

You will not need to print out the questions, use a piece of paper to write out the answers and do all of your working out.

Ask someone else who lives with you to mark it for you, then you can talk about your errors!

Looking forward to seeing your work!



	Day 1 Activity	Day 2 Activity	Day 3 Activity	Day 4 Activity	Day 5 Activity
Mental Maths	Times Tables Rocks Stars times tables practice up to twelve. https://trockstars.com/	Number Bonds – have a go with decimal number bonds! You choose difficulty tenths / hundredths (1 decimal place or 2 decimal places) https://www.topmarks.co.uk/maths-games/hit-the-button	Times Tables Rocks Stars times tables practice up to twelve. https://trockstars.com/	Halves – choose your level of skill, not too easy!!! https://www.topmarks.co.uk/maths-games/hit-the-button	Times Tables Rocks Stars times tables practice up to twelve. https://trockstars.com/ Ask someone in your home to practice with / test you with the times tables you have worked on this week.

Problem / Activity of the day	<p style="text-align: center;">Hours, Minutes and seconds</p> <p>Let's start with the basics.</p> <p>How much do you REALLY know about hours minutes and seconds? Do you know how long they are?</p> <p>Stand still on one leg for a minute? Get someone to time you and tell you how long you actually stood for. A minute is a lot longer than you think. Can you time exactly one minute? Try!</p> <p>Do you know how long 5 minutes is, how many seconds is it?</p>	<p style="text-align: center;">Hours, Minutes and seconds</p> <p>When you are running a race, it is the runners aim to run in as few seconds as possible. So, who has won the following races?</p> <p>Jack 35.5 seconds or John 40.0 seconds?</p> <p>It has to be Jack as he got to the finish line in the quickest time possible.</p> <p>Today you are going to be comparing seconds and minutes.</p>	<p style="text-align: center;">Writing the time</p> <p>We have been practising reading the time daily in class.</p> <p>Now I would like you to write the time. When you are writing always remember that; the longer hand tells the minutes past the hour and the shorter hand tells you what hour it is.</p> <p>What time is this?</p> <p>(You can find the answer on today's</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">Working with hours</p> <p>Now how many minutes are in:</p> <p>0.5 hours?</p> <p>1/4 of an hour?</p> <p>3/4 of an hour?</p> <p>1.5 hours?</p> <p>You need to be confident with the fact that 0.5 / 1/2 an hour = 30 mins.</p> <p>0.25 / 1/4 of an hour = 15 mins</p> <p>3/4 of an hour = 45 mins</p>	<p style="text-align: center;">Years and months</p> <p>Do you know how many months have 31 days? What about 30 days? Which is the only month that has less than 30 days?</p> <p>Sort the months into the following table.</p> <p>Can you find the poem that will help you learn these facts? Or do you already know it. I will put it into the plans for next week. I want you to have a go at finding out what the poem is. You could ask parents, aunts, older cousins. You don't need</p>
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	Now complete activities for day 1. Question 2 is very tricky. Have a good try before you look at the answers!		activity sheet. Have a go first)	Practice with these facts before you start today's activity.	to go and see them. You could message, email or video call them!
Resources you will need	Pencil / paper.	Pencil / paper	Pencil/ paper	Pencil / paper	0-9 number cards Pencil / paper
Tips / Clues or methods to help	Remember it is better to use an analogue clock (the clocks on the wall at school) rather than a digital clock to help you.	Be careful when thinking about today's problem. Remember 0.5 is half a whole. So, 0.5 minutes = 30 seconds.	When calculating times remember how many minutes are in an hour. Remember 0.5 is half a whole. So 0.5 hours = 30 minutes.		Practice the poem as a song!

Day 1

1 Sort the activities into the table depending on approximately how long each one takes to complete.

- travel to school wash and dry laundry get dressed
 travel to the Moon watch a TV show listen to a song
 eat a small chocolate bar sneeze write your name

Less than 10 seconds	
Less than 1 minute	
Less than 5 minutes	
Less than 1 hour	
More than 1 hour	

2 Complete the statements.

- a) one minute = seconds b) 1 hour = minutes
 2 minutes = seconds 5 hours = minutes
 4 minutes = seconds ten hours = minutes
 eighty minutes = seconds 15 hours = minutes
- c) one day = hours d) 1 minute = seconds
 3 days = hours 1 hour = minutes
 12 days = hours 1 hour = seconds
 thirty days = hours 2 hours = seconds

Day 2

Write <, > or = to complete the statements.

- 5 minutes 5 seconds
 5 minutes 50 seconds
 5 minutes 500 seconds
 $\frac{1}{2}$ hour 60 minutes
 $\frac{1}{2}$ hour 6 minutes
 30 minutes $\frac{1}{2}$ hour

Huan ran a race in 3.5 minutes.

Eva ran the race in 312 seconds.

Who was quicker?

_____ was quicker.

How much quicker were they?

minute seconds quicker

Day 3

The time is 10 past 3



Draw hands on the clocks to show what time it will be:

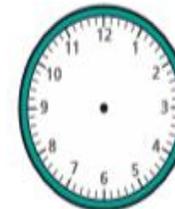
a) in 10 minutes



c) in 120 seconds



b) in 60 minutes



d) in 1.5 hours



Day 4

Brett, Annie, Aisha and Filip are going on holiday.

Here are the total lengths of their journeys.

Brett	12 hours longer than Filip
Annie	$1\frac{1}{4}$ days
Aisha	twice as long as Brett
Filip	360 minutes

Work out how many hours it took each person.

Place them in order from the shortest to the longest journey.

Name	Time
shortest journey _____	<input type="text"/> hours
_____	<input type="text"/> hours
_____	<input type="text"/> hours
longest journey _____	<input type="text"/> hours

Day 5

Sort the months into the table.

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

Less than 30 days	30 days	31 days

2020 is a leap year.



a) How many days will there be in 2020?

days

There will be 366 days in the year 2040



b) Do you agree with Whitney? _____

Explain your answer.

Answers

Day 1

1 Sort the activities into the table depending on approximately how long each one takes to complete.

- travel to school wash and dry laundry get dressed
 travel to the Moon watch a TV show listen to a song
 eat a small chocolate bar sneeze write your name

e.g.

Less than 10 seconds	sneeze write your name
Less than 1 minute	eat a small chocolate bar
Less than 5 minutes	get dressed listen to a song
Less than 1 hour	travel to school watch a TV show
More than 1 hour	travel to the moon wash and dry laundry

2 Complete the statements.

- a) one minute = 60 seconds b) 1 hour = 60 minutes
 2 minutes = 120 seconds 5 hours = 300 minutes
 4 minutes = 240 seconds ten hours = 600 minutes
 eighty minutes = 4,800 seconds 15 hours = 900 minutes
- c) one day = 24 hours d) 1 minute = 60 seconds
 3 days = 72 hours 1 hour = 60 minutes
 12 days = 288 hours 1 hour = 3,600 seconds
 thirty days = 720 hours 2 hours = 7,200 seconds

Day 2

Write <, > or = to complete the statements.

- 5 minutes > 5 seconds
 5 minutes > 50 seconds
 5 minutes < 500 seconds
 $\frac{1}{2}$ hour < 60 minutes
 $\frac{1}{2}$ hour > 6 minutes
 30 minutes = $\frac{1}{2}$ hour

Huan ran a race in 3.5 minutes.

Eva ran the race in 312 seconds.

Who was quicker?

Huan was quicker.

How much quicker were they?

1 minute 42 seconds quicker

Day 3

The time is 10 past 3



Draw hands on the clocks to show what time it will be:

a) in 10 minutes



c) in 120 seconds



b) in 60 minutes



d) in 1.5 hours



Day 4

Brett, Annie, Aisha and Filip are going on holiday.

Here are the total lengths of their journeys.

Brett	12 hours longer than Filip
Annie	$1\frac{1}{4}$ days
Aisha	twice as long as Brett
Filip	360 minutes

Work out how many hours it took each person.

Place them in order from the shortest to the longest journey.

Name	Time
shortest journey <u>Filip</u>	<u>6</u> hours
<u>Brett</u>	<u>18</u> hours
<u>Annie</u>	<u>30</u> hours
longest journey <u>Aisha</u>	<u>36</u> hours

Day 5

Sort the months into the table.

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

Less than 30 days	30 days	31 days
February	April June September November	January March May July August October December



a) How many days will there be in 2020?

366 days



b) Do you agree with Whitney? Yes

Explain your answer.