Maths Home Learning

Week Commencing: 17.05.2021

Week 6 – Year 4 Time Table - Mathematics

Horton Grange Primary
KS2 Timetable 2020-2021: Year 4

	8:45-8:50	8:50 - 9:50	9:50 - 10:05	10.05 - 10.20	10:20 - 11:20	11:20 - 12:15	12:15 - 1:05	1:05 - 1:10	1:10 - 2:05	2:05 - 3:00
Monday	Registration	Maths	Break	Newsround	English	Music	Lunch Time	Registration	Eid Posters/information	
Tuesday		Maths		Newsround	English	RE			Computing	PE
Wednesday		Maths		Newsround	English	PE			Curriculum	
Thursday		Maths		Newsround	English	PSHE			Curriculum	
Friday		Maths		Newsround	Guided Reading	Guided Reading			English Intervention	Maths Intervention

Maths Home Learning

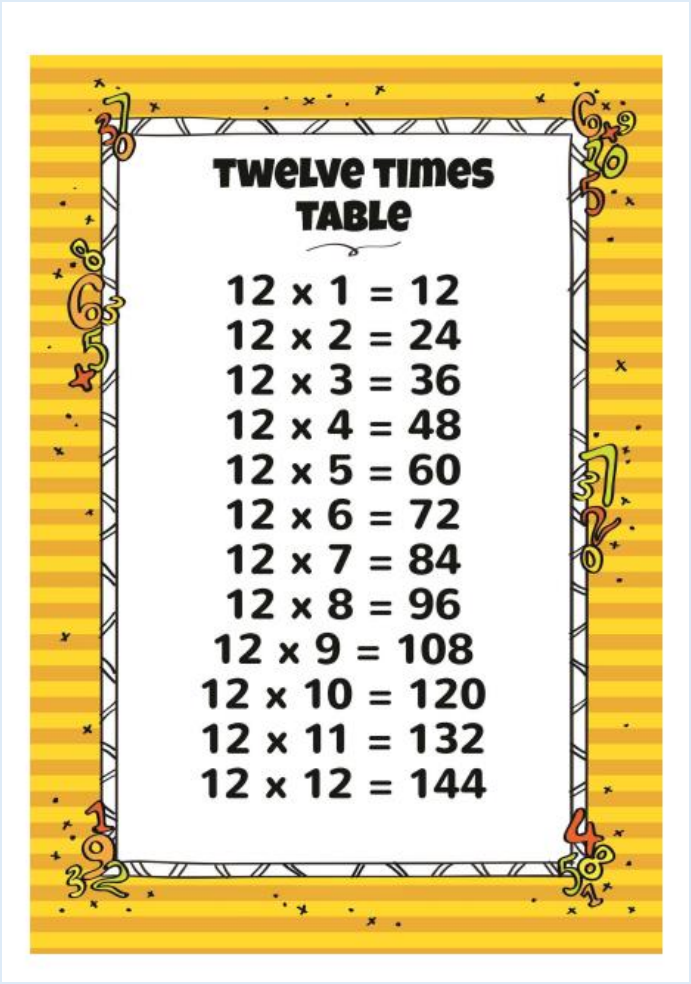
English Home Learning

Curriculum Home Learning

This week…

- Monday: 8.50am-9.50am – O'Clock and Half Past
- Tuesday: 8:50am-9.50am– Quarter To and Quarter Past
- Wednesday: 8.50am-9.50am –5 minute Intervals – Past
- Thursday: 8.50am-9.50am – 5 minute Intervals - To
- Friday: 8.50am-9.50am- 5 minute Intervals Mixed

Monday- 08.50-9.50am- Times Tables



12 Times Table Song (Learning is Fun The Todd & Ziggy Way!) - Bing video

Monday-
08.50-9.50am-
OMS

OMS - Equivalent Fractions

Storms

Shade the bar models to represent the fractions.

a) Shade $\frac{1}{2}$ of the bar model.

b) Shade $\frac{2}{4}$ of the bar model.

What do you notice?

Black Panthers and Hulks

Match each bar model to its equivalent fraction.

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{8}$

Monday- 08.50-9.50am- Time

Today we will learn about time.

Let's test our knowledge!

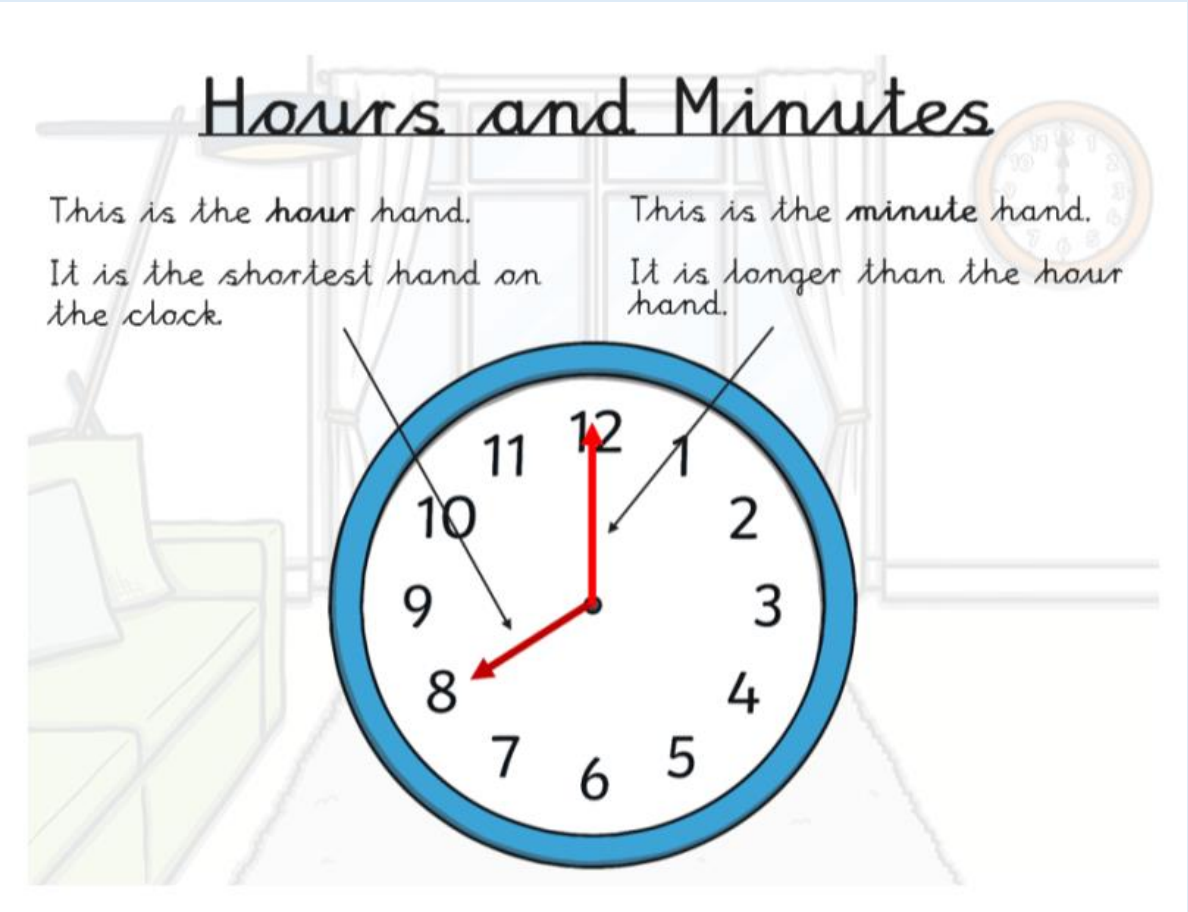
- What is time measured in?
- How many second are there in a minute?
- How many minutes are there in an hour?
- How many hours are there in a day?
- How many days are there in a week?

Monday- 08.50-9.50am- Time

What time is it right now?

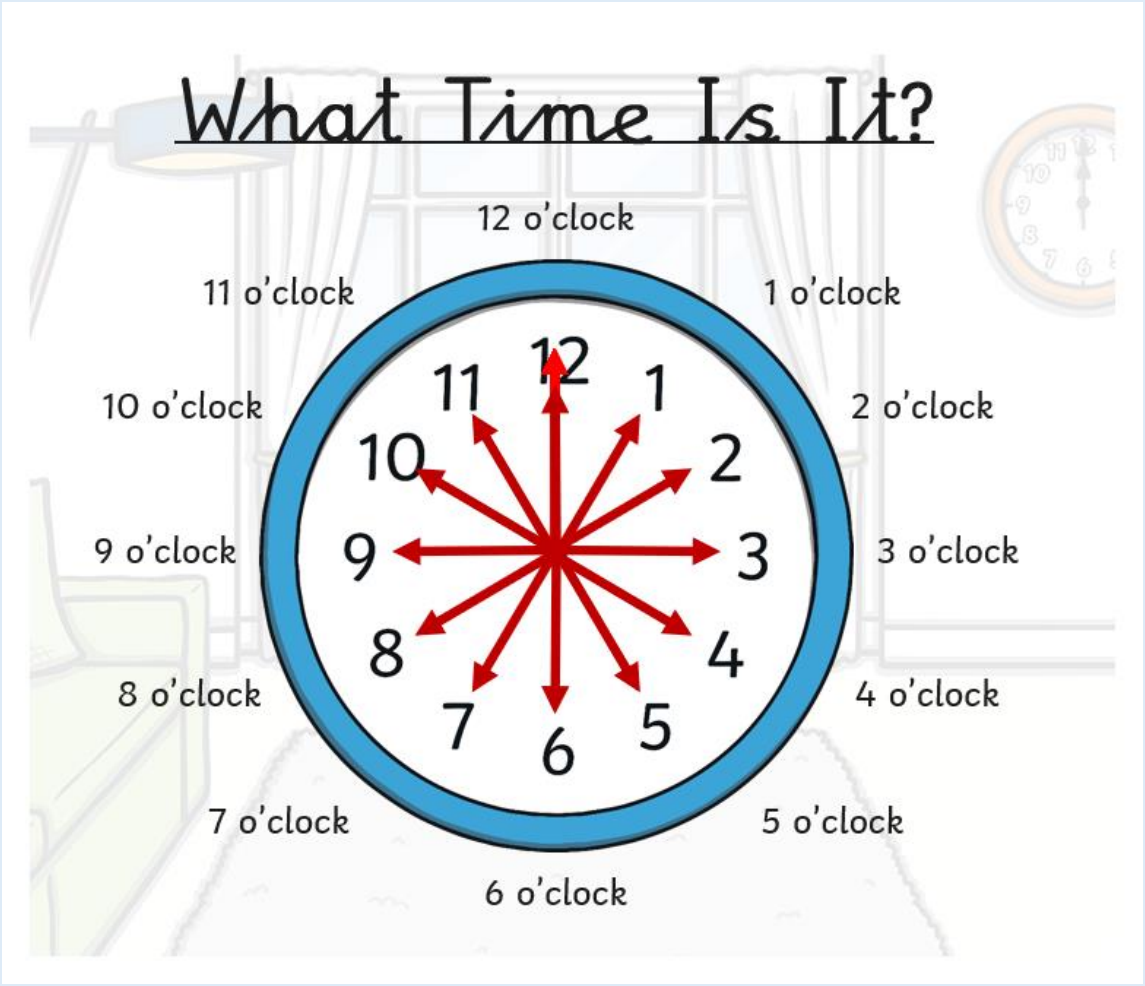
Where is the hour hand?

Where is the minute hand?



Monday- 08.50-9.50am- Time

Remember - The hour hand is the shorter hand.



Monday- 08.50-9.50am- Maths – I do

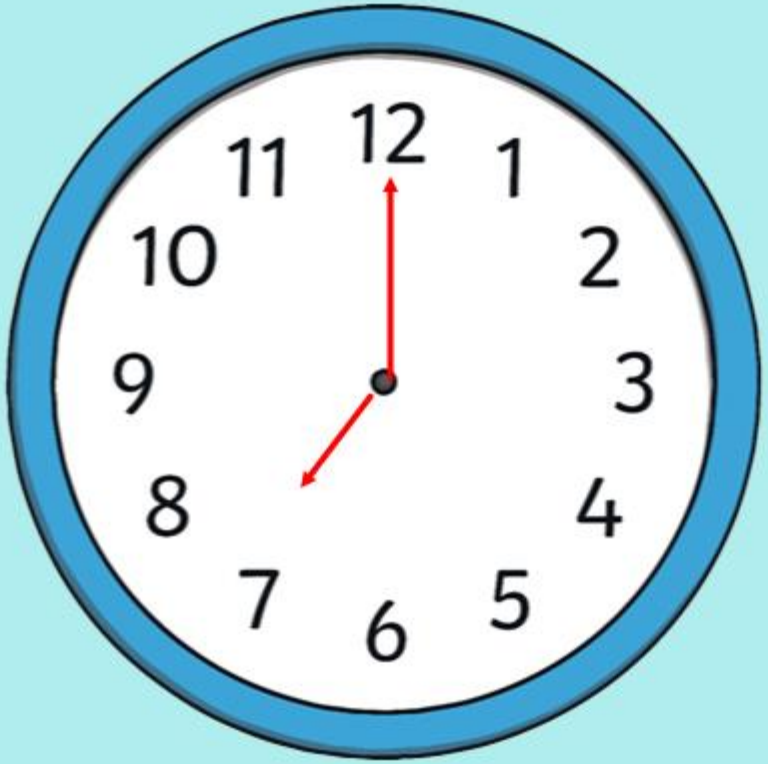
Remember the shorter hand represents the hour.
Remember the longer hand represent the minutes.

I do - O'clock

Where would the shorter hand be placed?

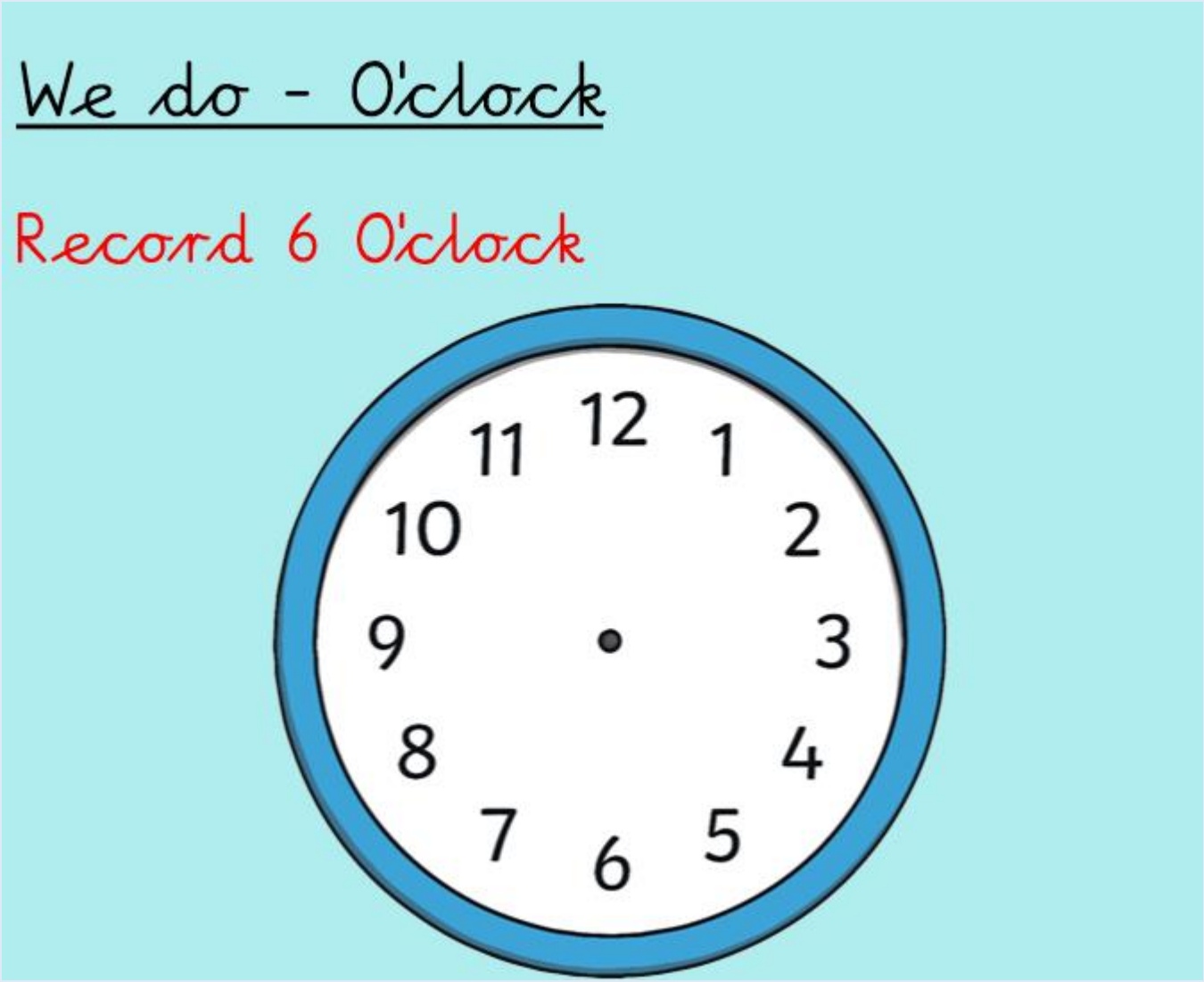
Where would the longer hand be placed?

Record 7 O'clock



Monday-
08.50-9.50am-
Maths

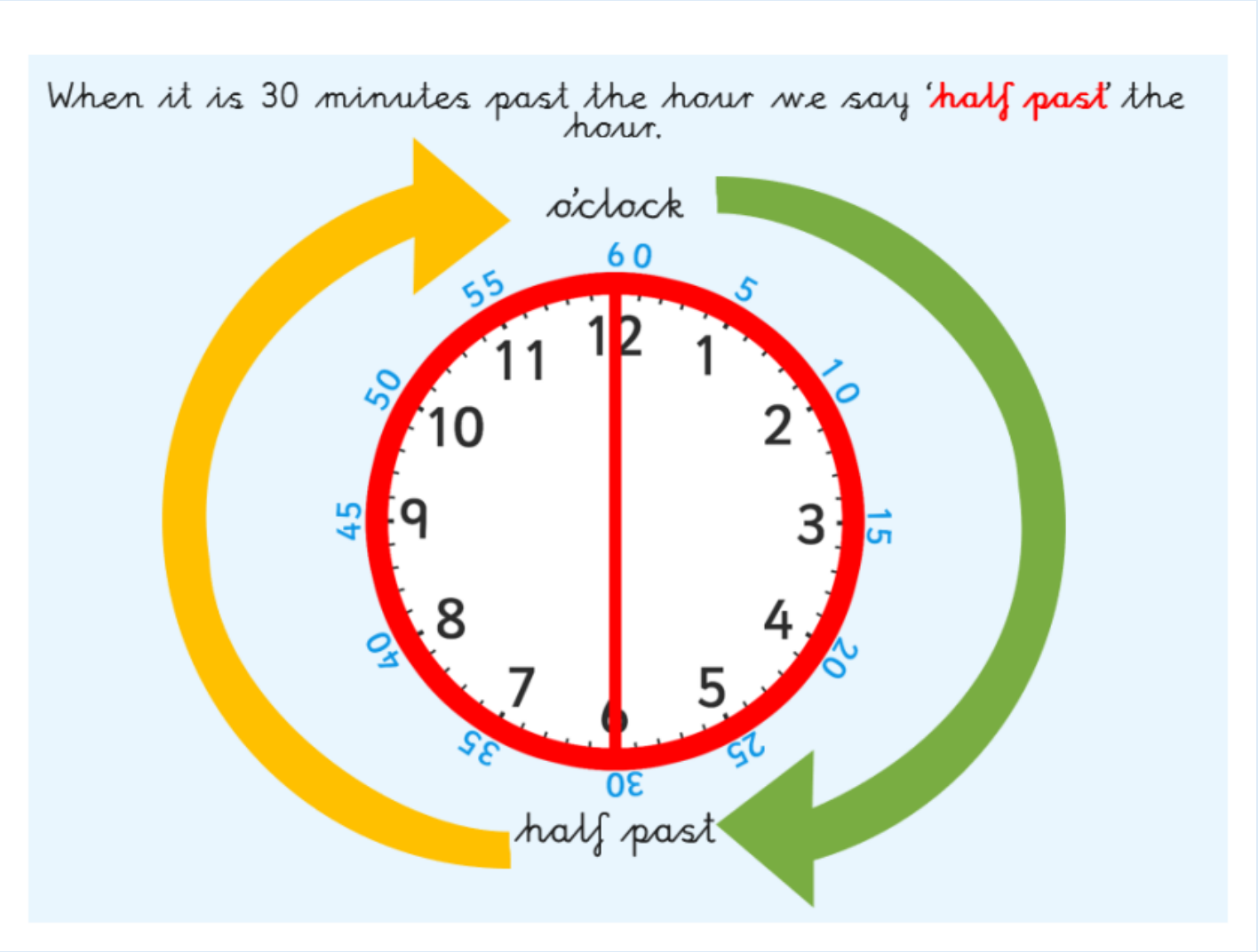
Remember the shorter hand represents the hour.
Remember the longer hand represent the minutes.



Monday-
08.50-9.50am-
Half Past

If there are 60 minutes in an hour.

How many minutes are there in half an hour?



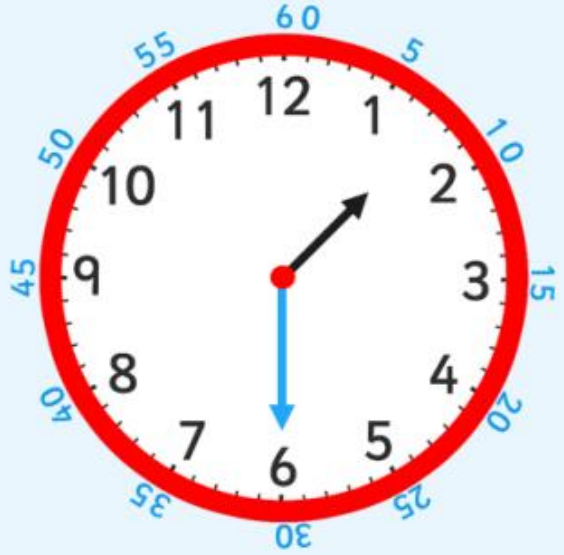
Monday-
08.50-9.50am-
Half Past

What time does this clock show?

a) Half past 1

b) Half past 2

Look at this time.
The big hand is pointing at 6, which is halfway around the clock.
Where is the small hand pointing? Is it on the number?
It's half way between 1 and 2.



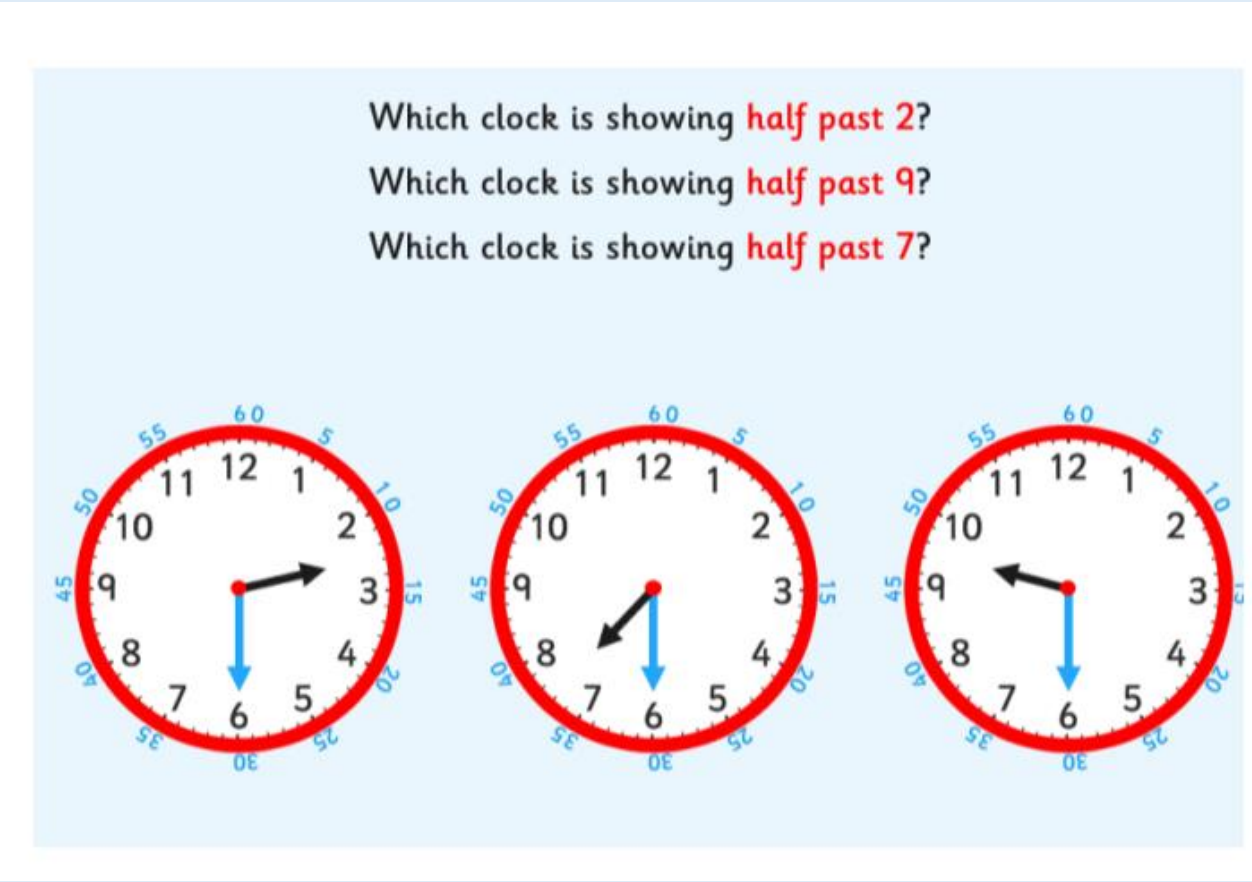
Half past

Monday-
08.50-9.50am-
Half Past

We do - Half Past

Answer the following questions.

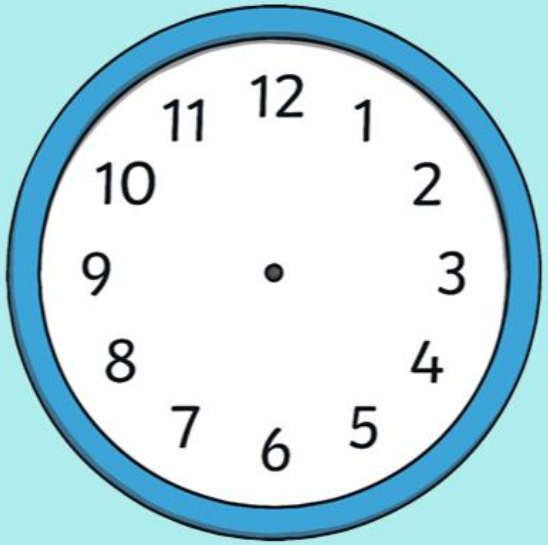
What do you notice about the hour hand?



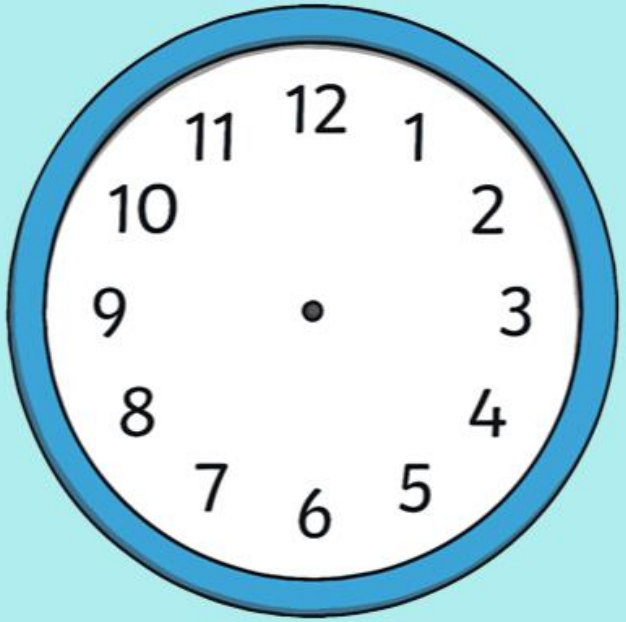
Monday-
08.50-9.50am-
Half Past

You do - Half past

Record Half Past 6



Record Half Past 10



Monday- 08.50-9.50am- Task

Remember to draw each of the Analogue Clocks.

Record the following times:

O'Clock

1. 12 O'clock
2. 4 O'clock
3. 9 O'clock
4. 11 O'clock

Half Past

5, Half past 4
6. Half past 7
7. Half past 2
8. Half past 1

Monday- 08.50-9.50am- Further Challenge

Have a go at completing the challenge!

The measurement of time isn't just seconds, minutes and hours but also years and millenniums. We measure time with clocks, watches and calendars. There are two types of clocks - analogue and digital. Being able to read the time in both formats is essential.

Take this test and find out what you know about time.

1. What is equivalent to 52 weeks?

[ ] Millennium

[ ] Century

[ ] Year

[ ] Decade

2. How many days in a year?

[ ] 200 days

[ ] 250 days

[ ] 300 days

[ ] 365 days

3. How many days in 1 week?

[ ] 2

[ ] 7

[ ] 10

[ ] 30

4. 24 hours is equivalent to...

[ ] 1 day

[ ] 1 month

[ ] 1 week

[ ] 1 year

5. How many minutes in one hour?

[ ] 10 minutes

[ ] 20 minutes

[ ] 30 minutes

[ ] 60 minutes

6. What is equivalent to 1 minute?

[ ] 60 seconds

[ ] 2 hours

[ ] 30 seconds

[ ] 100 seconds

7. Which unit of time would you use to measure the time it takes to brush your teeth?

[ ] Hours

[ ] Weeks

[ ] Minutes

[ ] Years

8. How would you write twenty minutes to four on a digital clock?

[ ] 3:40

[ ] 4:20

[ ] 4:35

[ ] 4:40

Well done for completing Day 1 – Maths

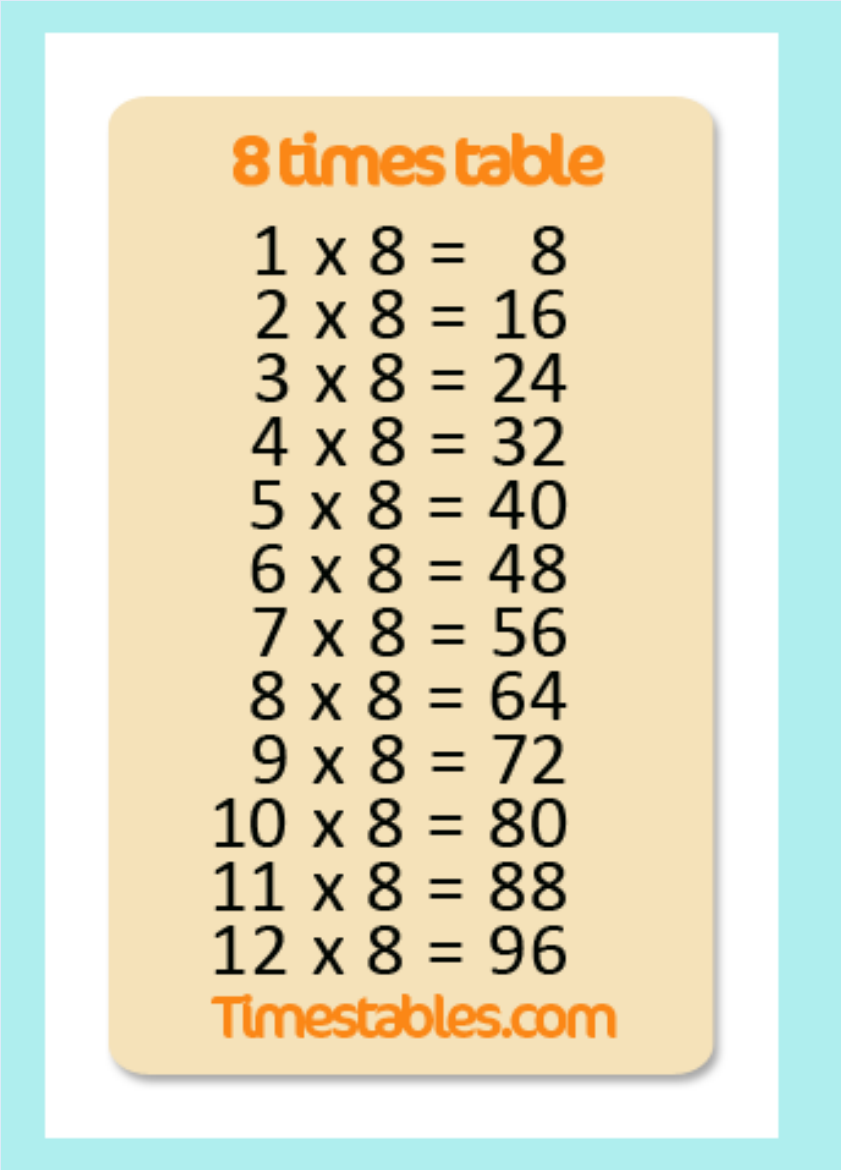
Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Tuesday- 08.50-09.50am- Times Table



https://www.youtube.com/watch?v=z_BJjR9rdwA

Tuesday-
08.50-
09.50am-
OMS

OMS - Adding Fractions

Storms

Complete the additions.

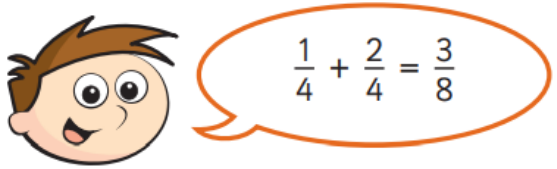
Use the bar models to help you.

a) $\frac{1}{3} + \frac{1}{3} = \square$

b) $\frac{1}{5} + \frac{1}{5} = \square$

Black Panthers and Hulks

Teddy is adding fractions.



a) Draw a bar model to show that Teddy is wrong.

b) Complete the addition $\frac{1}{4} + \frac{2}{4} = \square$

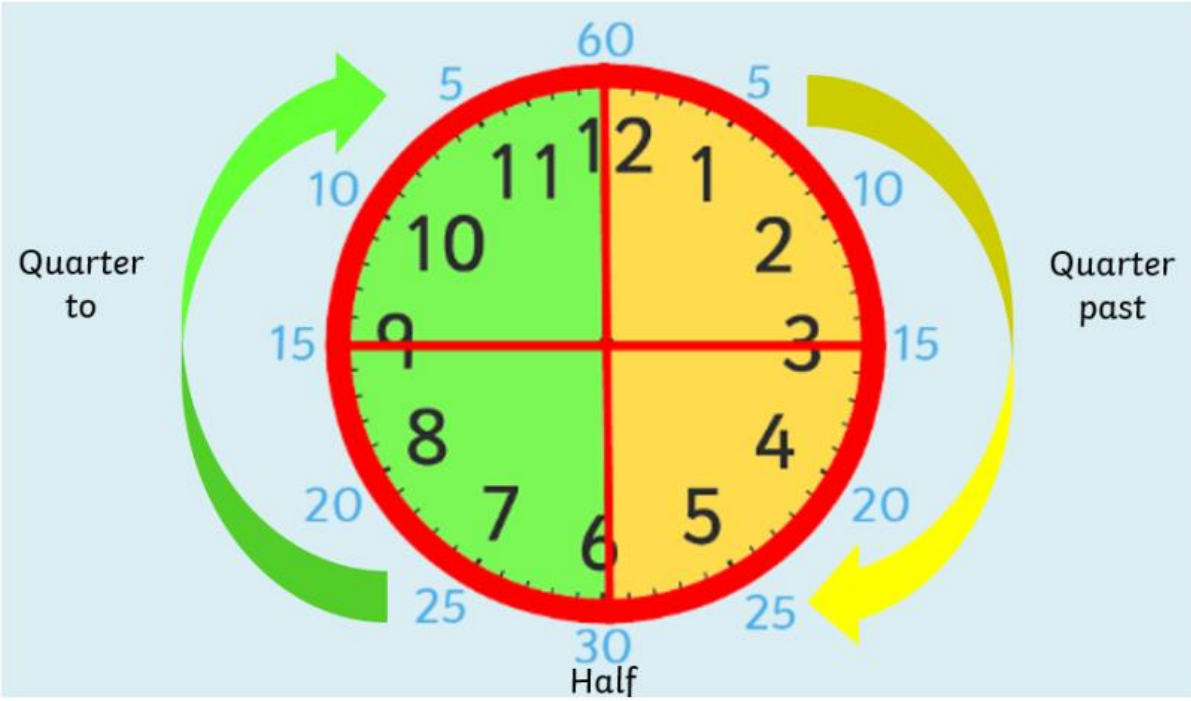
Monday- 08.50-9.50am- Maths Recap

- What is time measured in?
- How many second are there in a minute?
- How many minutes are there in an hour?
- How many hours are there in a day?
- How many days are there in a week?

Tuesday-
08.50-9.50am-
Maths

Quarter To and Quarter Past

When we tell the time, we either say it is 'past' or 'to' the hour.



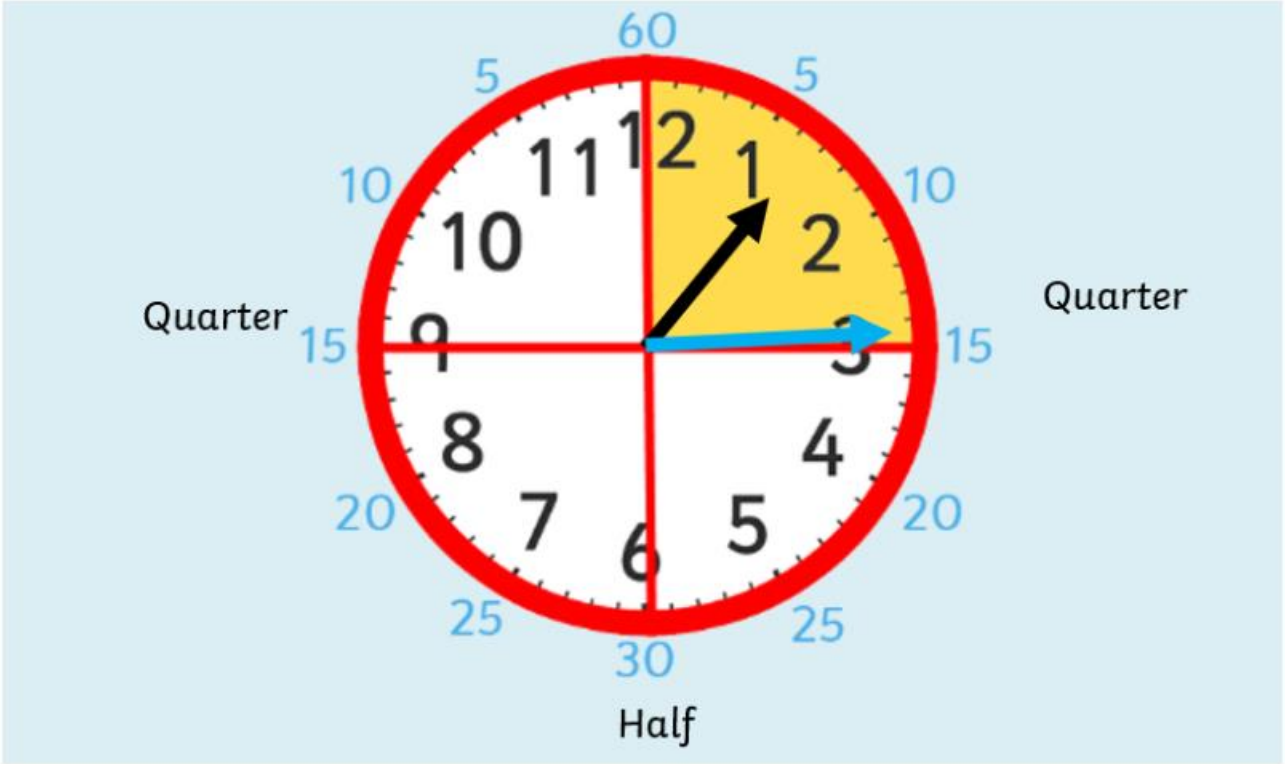
Tuesday-
08.50-9.50am-
Maths

I do - Quarter Past

Look at this time

The minute hand is pointing at 3, which is the first quarter.

Where is the hour hand pointing? Is it on the number?



What time does this clock show?

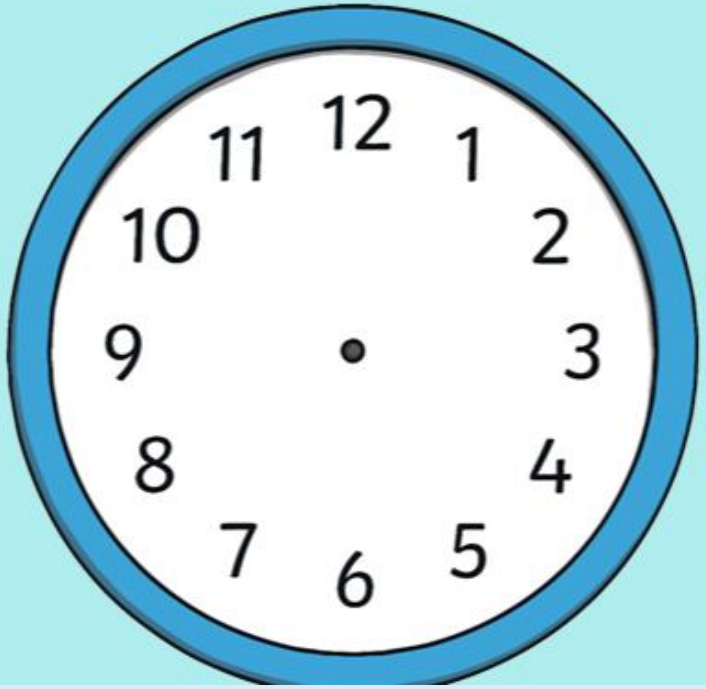
Quarter Past 1!

Tuesday- 08.50-09.50am- Maths

Use an actual Analogue Clock to support you. Remember your hour hand is the shorter hand and your minute hand is the longer hand.

We do - Quarter Past

Record quarter past 3

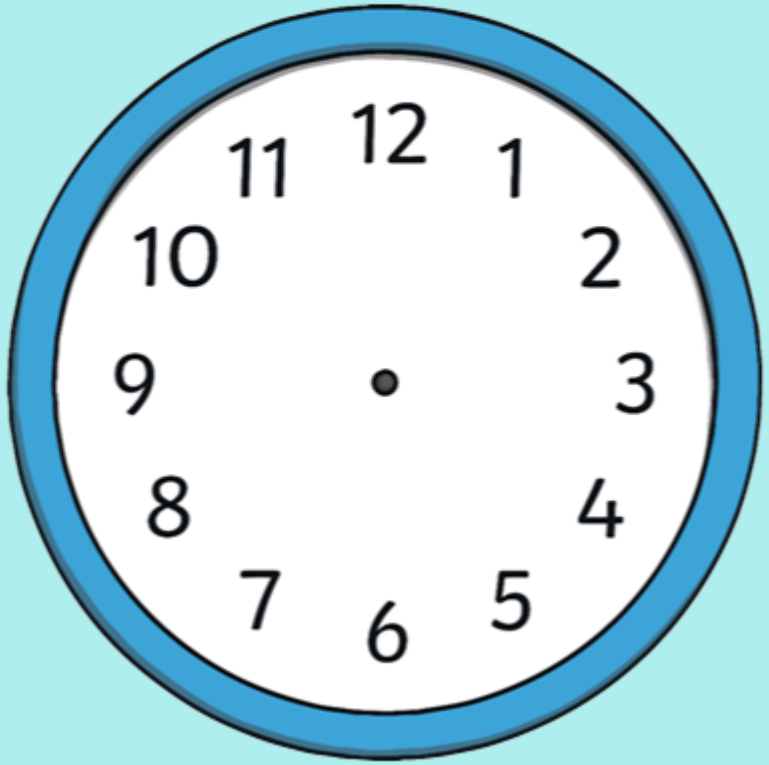


Tuesday- 08.50-09.50am- Maths

Use an actual Analogue Clock to support you. Remember your hour hand is the shorter hand and your minute hand is the longer hand.

You do - Quarter Past

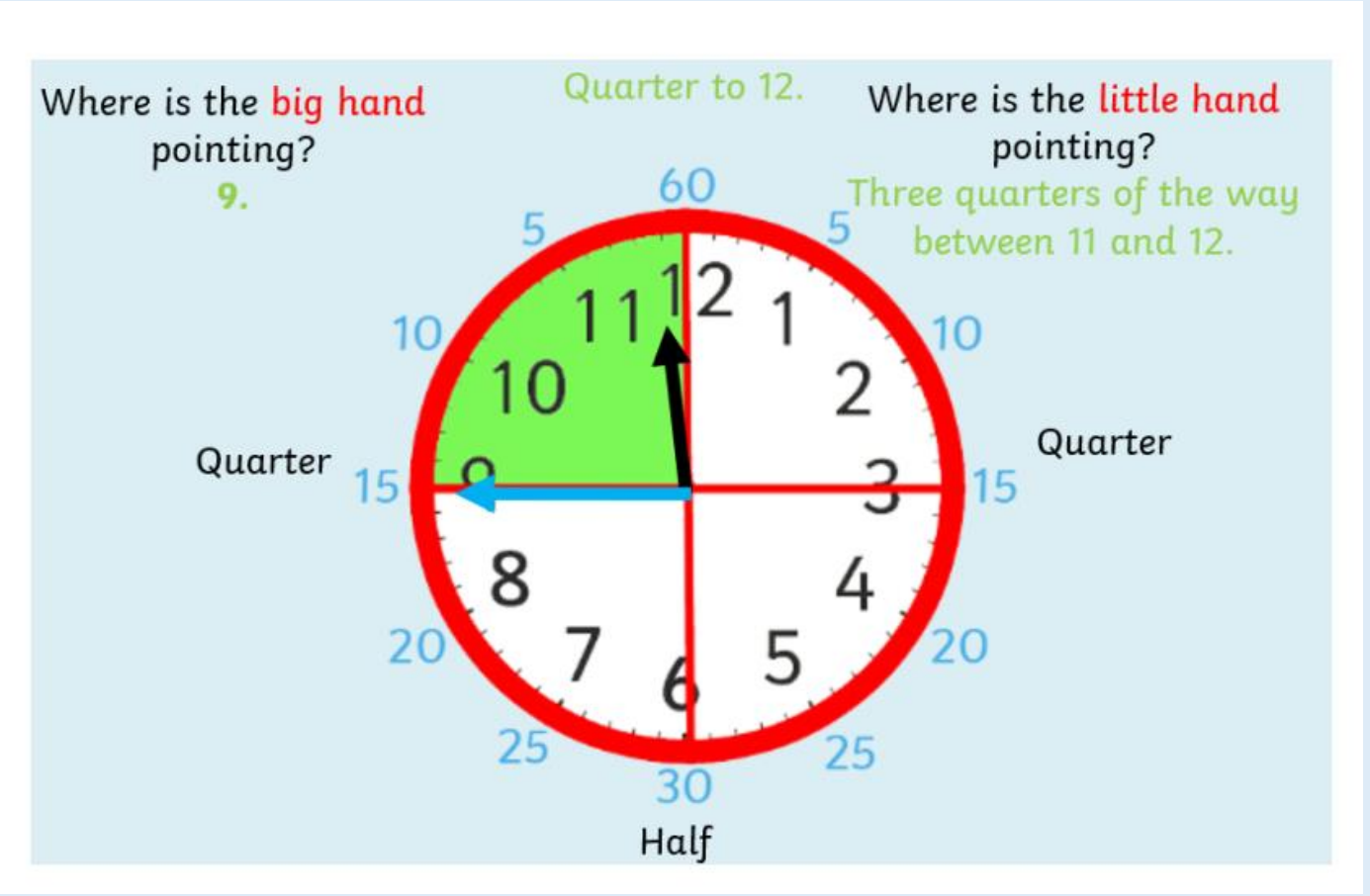
Record quarter past 7



Tuesday- 08.50-09.50am- Maths

I do - Quarter To

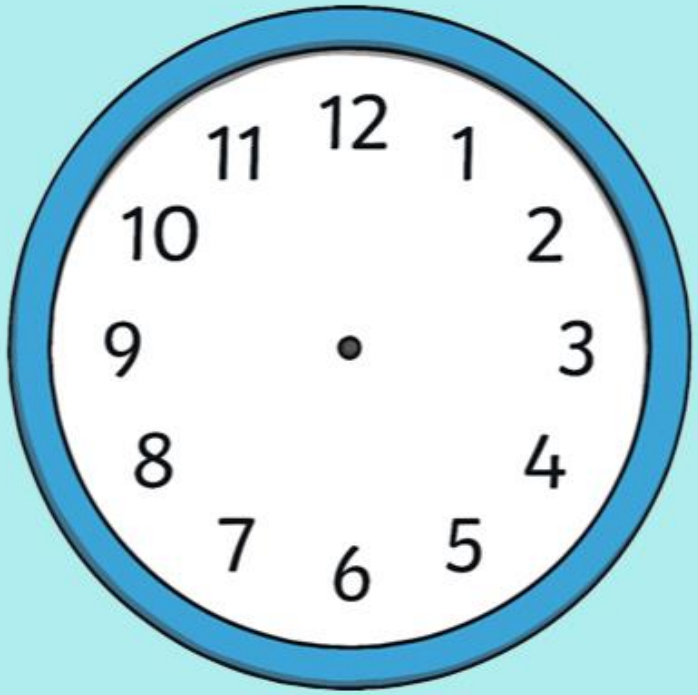
What time is this clock showing?



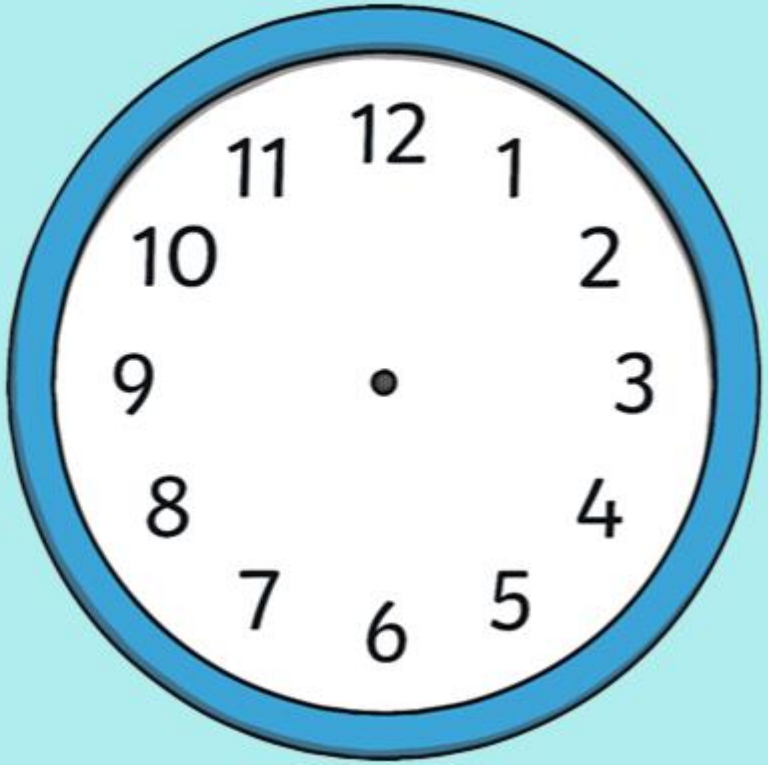
Tuesday- 08.50-09.50am- Maths

We do - Quarter To

Record Quarter to 11



Record Quarter to 9



Tuesday- 08.50-09.50am- Task

Use an Analogue Clock to support you.
Remember to draw the clocks for each of your questions.

Record the following times:

Quarter Past

1. Quarter Past 3
2. Quarter Past 9
3. Quarter Past 8
4. Quarter Past 2

Quarter To

5, Quarter to 5
6. Quarter to 8
7. Quarter to 4
8. Quarter to 9

Tuesday- 08.50-09.50am- Further Challenge

1. What time is it?

- half past 7
- quarter past 7
- quarter past 8

Check

2. The minute hand is pointing to the 3. How many minutes past the hour is it?

- 30 minutes
- 10 minutes
- 15 minutes

3. What time is it?

- quarter to 2
- quarter to 3
- quarter past 2

Check

4. The time is quarter past 8. Where will the hour hand be pointing?

- straight at 8
- just after 8
- just before 8

5. Which clock shows quarter past 12?

- a

- b

- c

Check

Well done for completing Day 2 – Maths

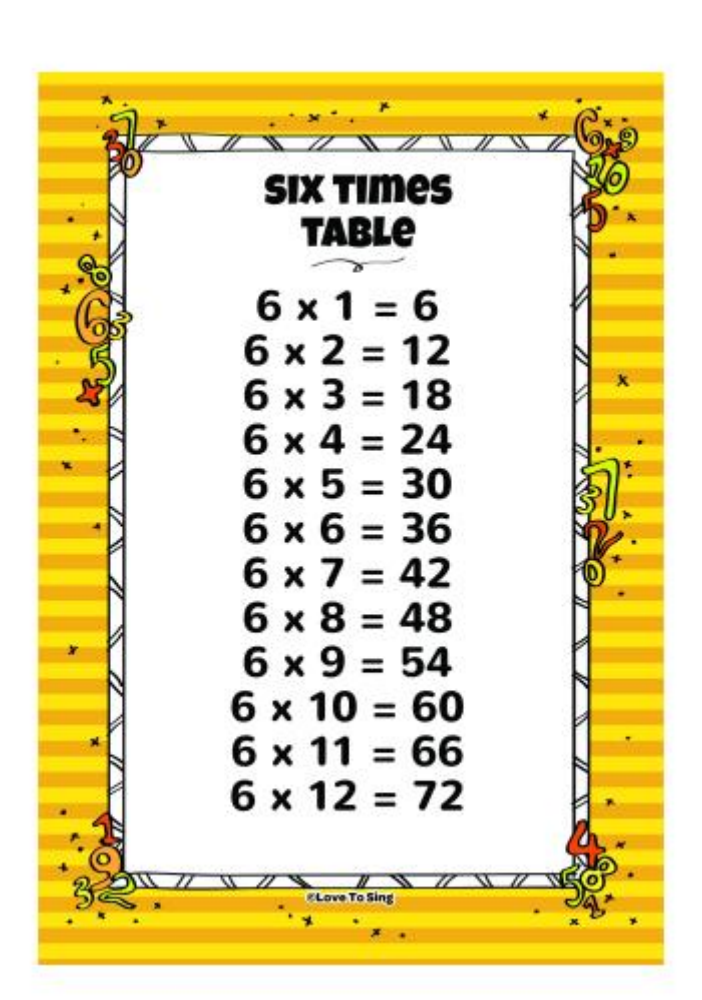
Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Wednesday- 08.50-09.50am- Times Table



[6 Times Table Song (Learning is Fun The Todd & Ziggy Way!) - Bing video]

Wednesday- 08.50-09.50am- OMS

OMS - Ordering decimals

Storms

Order the following decimals from smallest to largest.

0.1, 2.5, 0.5, 3.2, 1.1

Order the following decimals from largest to smallest.

3.5, 3.9, 3.2, 3.8

Black Panthers and Hulks

Order the following decimals from smallest to largest.

12.9, 21.5, 0.05, 3.21, 1.1

Order the following decimals from largest to smallest.

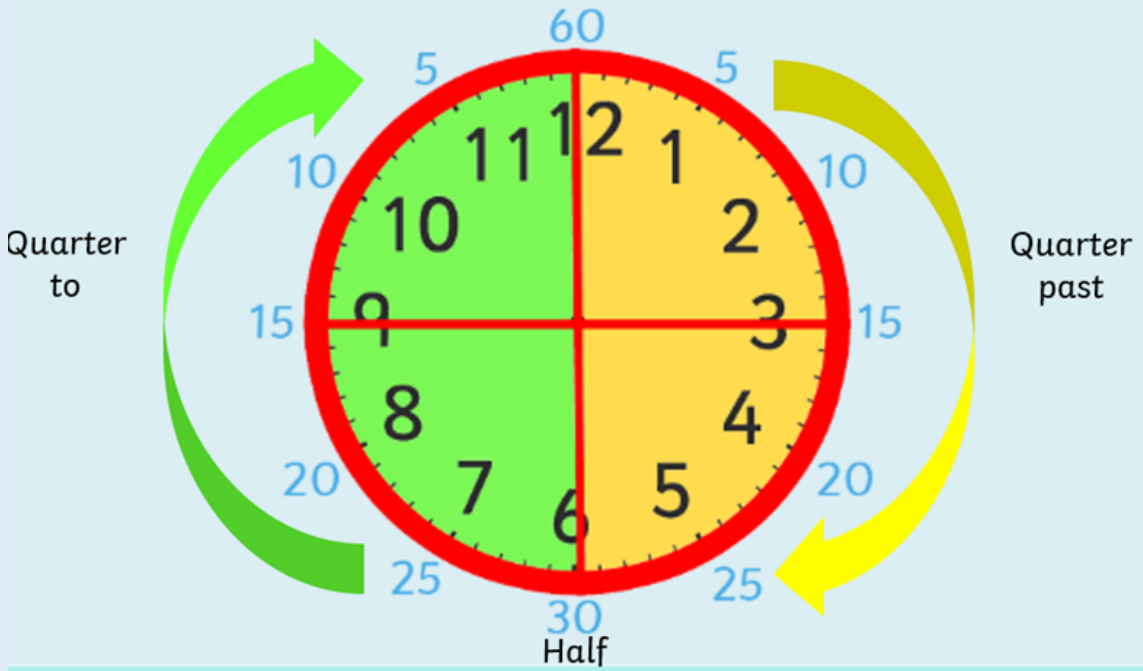
3.50, 13.9, 13.29, 14.2

Wednesday- 08.50-09.50am- Maths

Recap

Recap - Quarter To and Quarter Past

When we tell the time, we either say it is 'past' or 'to' the hour.



How would I record quarter past 5?

How would I record quarter to 5?

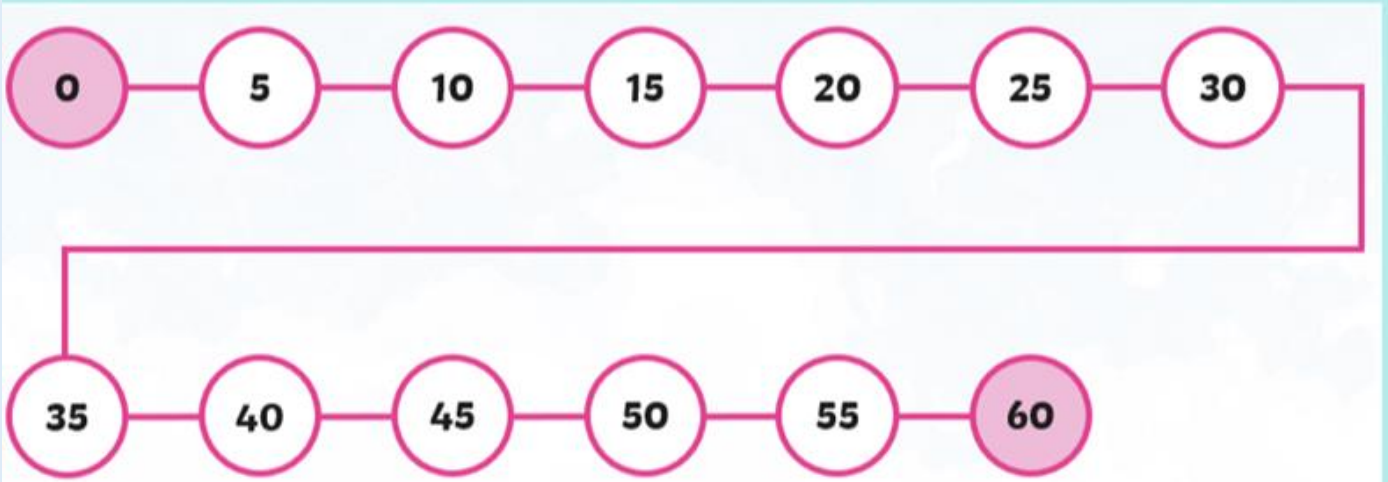
How many minutes are in an hour?	Why is 15 minutes called 'quarter past'?	Why is 30 minutes called 'half past'?
60 minutes	15 minutes	30 minutes
= an hour	= a quarter of an hour	= half an hour

Wednesday- 08.50-09.50am- Maths

Time - 5 minute intervals

When we are telling the time, it is really important to be able to count in 5s.

Can you count in 5s from 0 to 60?

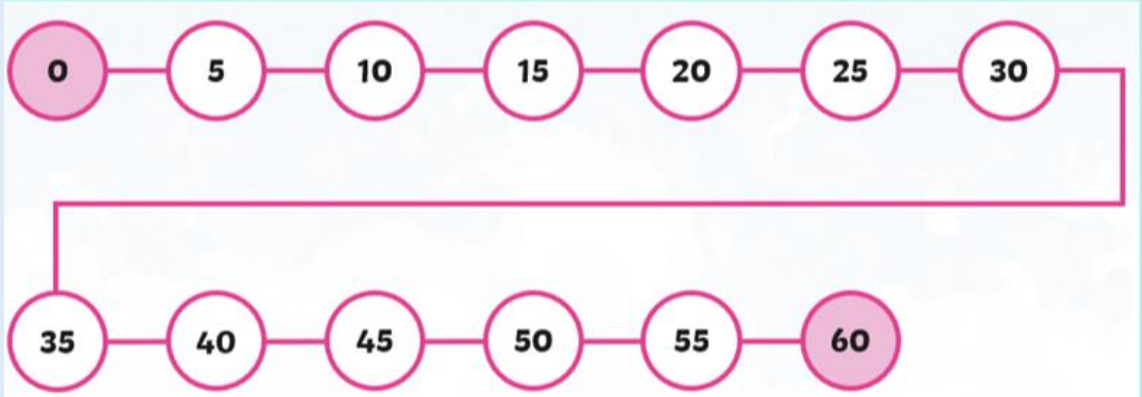


Wednesday- 08.50-09.50am- Maths

Time - 5 minute intervals

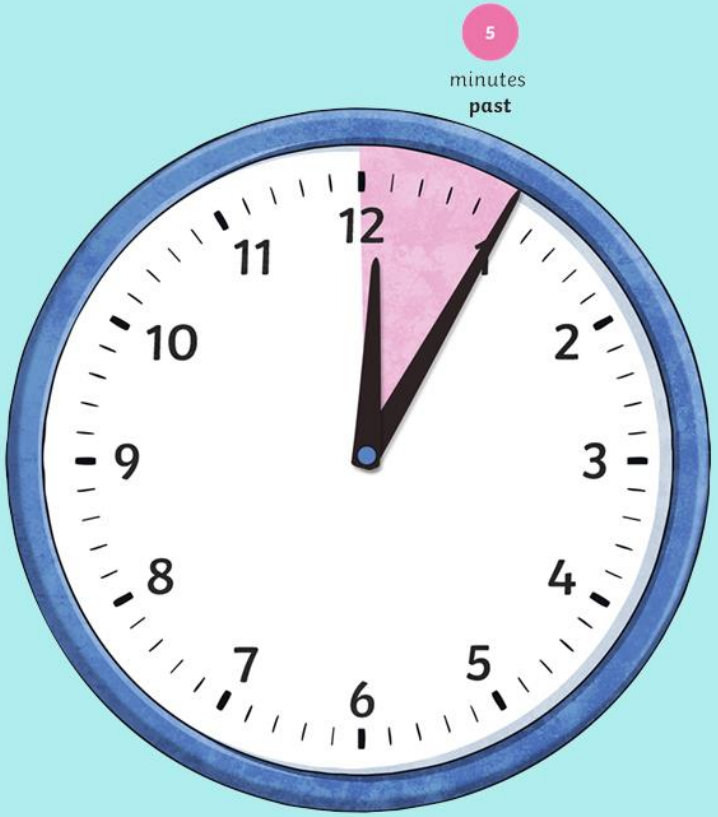
When we are telling the time, it is really important to be able to count in 5s.

Can you count in 5s from 0 to 60?



I do - We are now going to look at minutes past the hour

When the big hand points to the 1, it means...

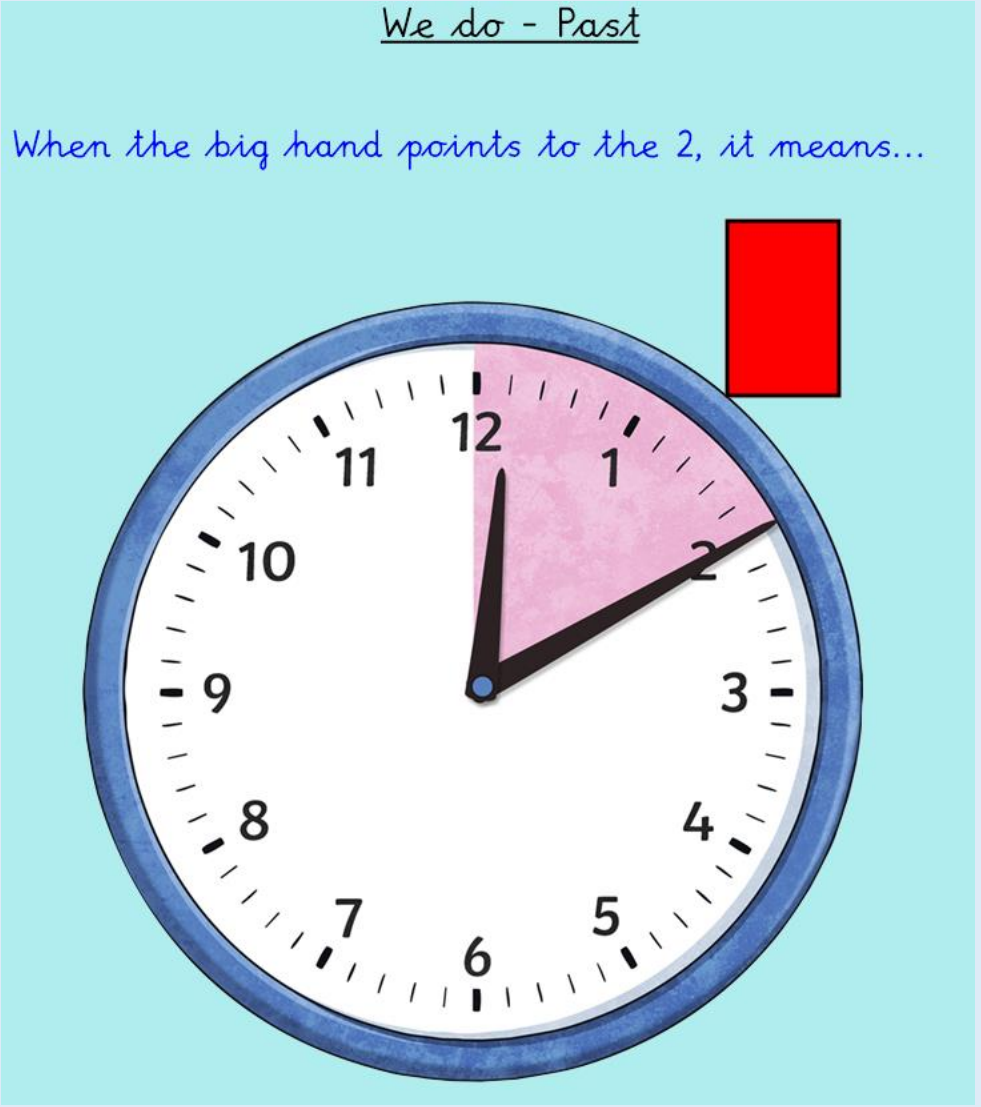


Wednesday- 08.50-09.50am- Maths – We do

What time does this clock show?

Use your 5 times tables to support you. Remember when the big hand points to the 1, it means 5 minutes past.

So when it points to the 2 it means, 10 minutes past!



Wednesday- 08.50-09.50am- Maths – You do

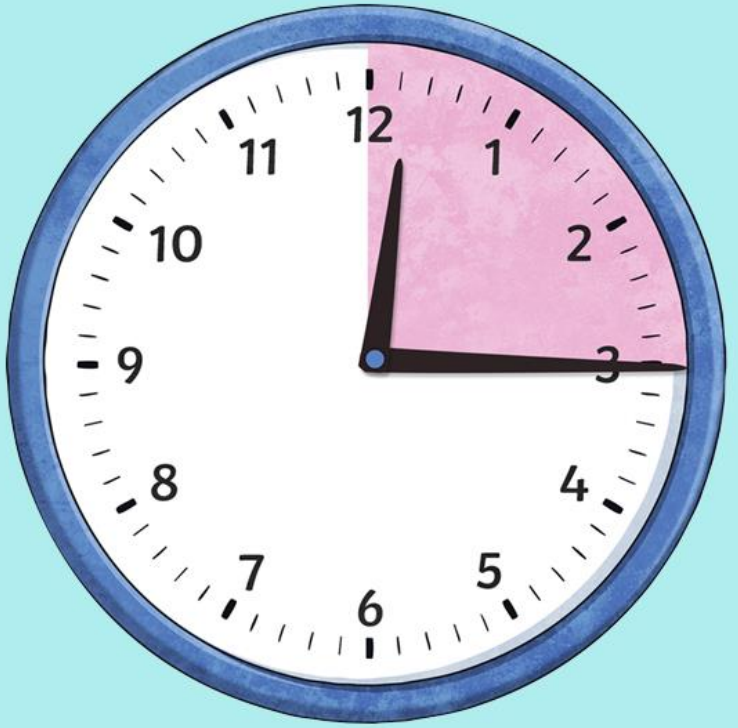
What time does this clock show?

Use your 5 times tables to support you.

15 minutes past 12 or Quarter Past 12.

You do - Past

When the big hand points to the 3, it means...



What time does this clock show?

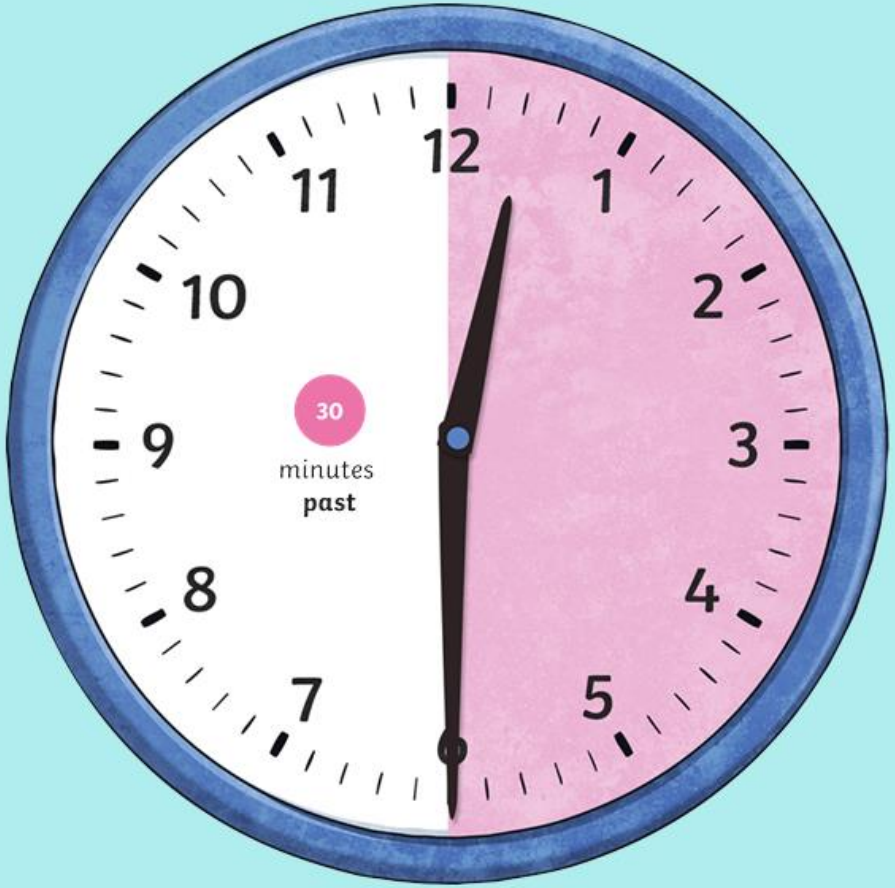
Could we write this another way?

Wednesday- 08.50-09.50am- Maths – You do

What time does this clock show?

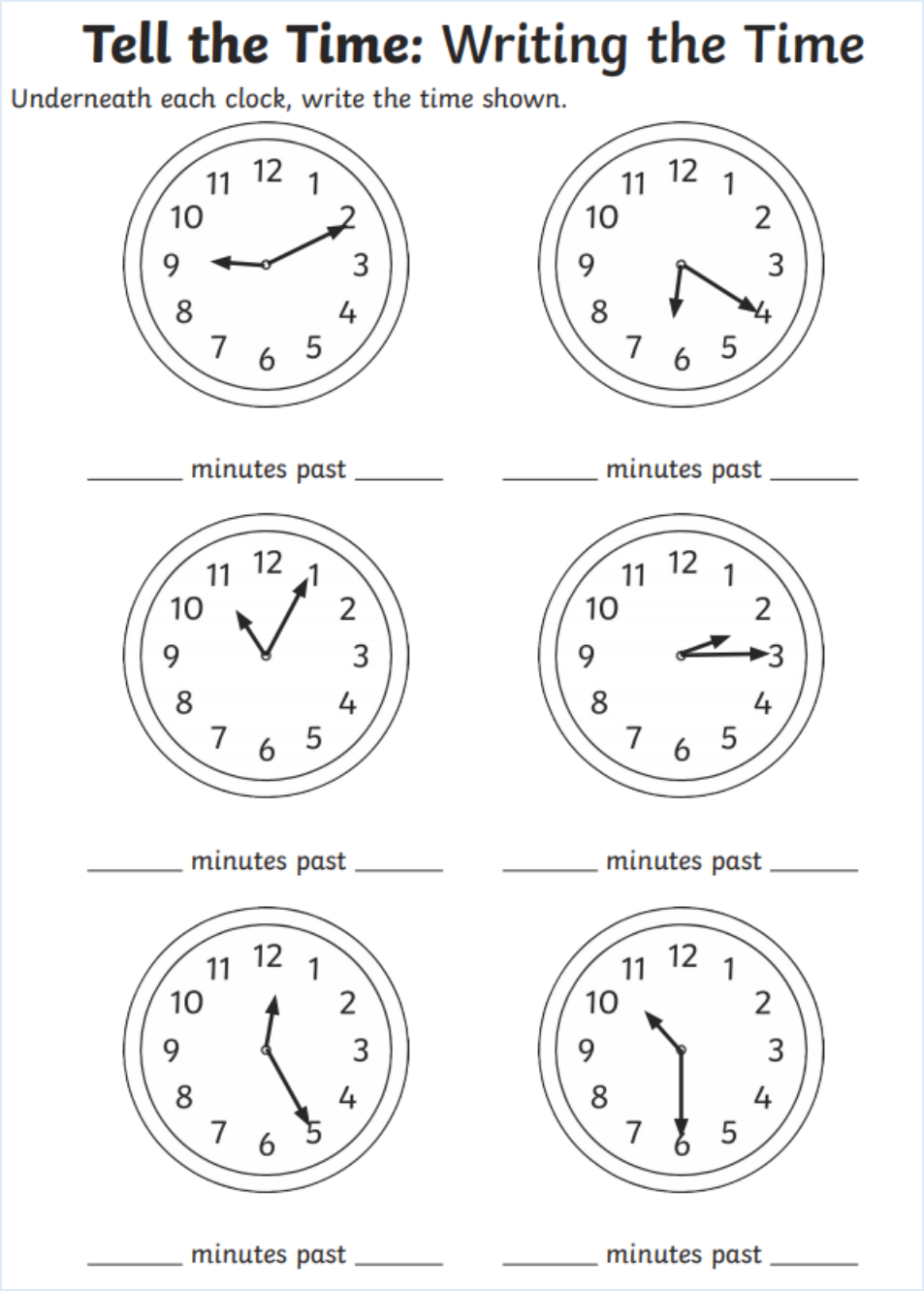
Use your 5 times tables to support you.

When the big hand points to the 3, it means...



Wednesday- 08.50-09.50am- Storms

Write the times shown for each clock.
Remember to use your 5 times table to support you.



Tell the Time: Writing the Time

Underneath each clock, write the time shown.

_____ minutes past _____

_____ minutes past _____

_____ minutes past _____

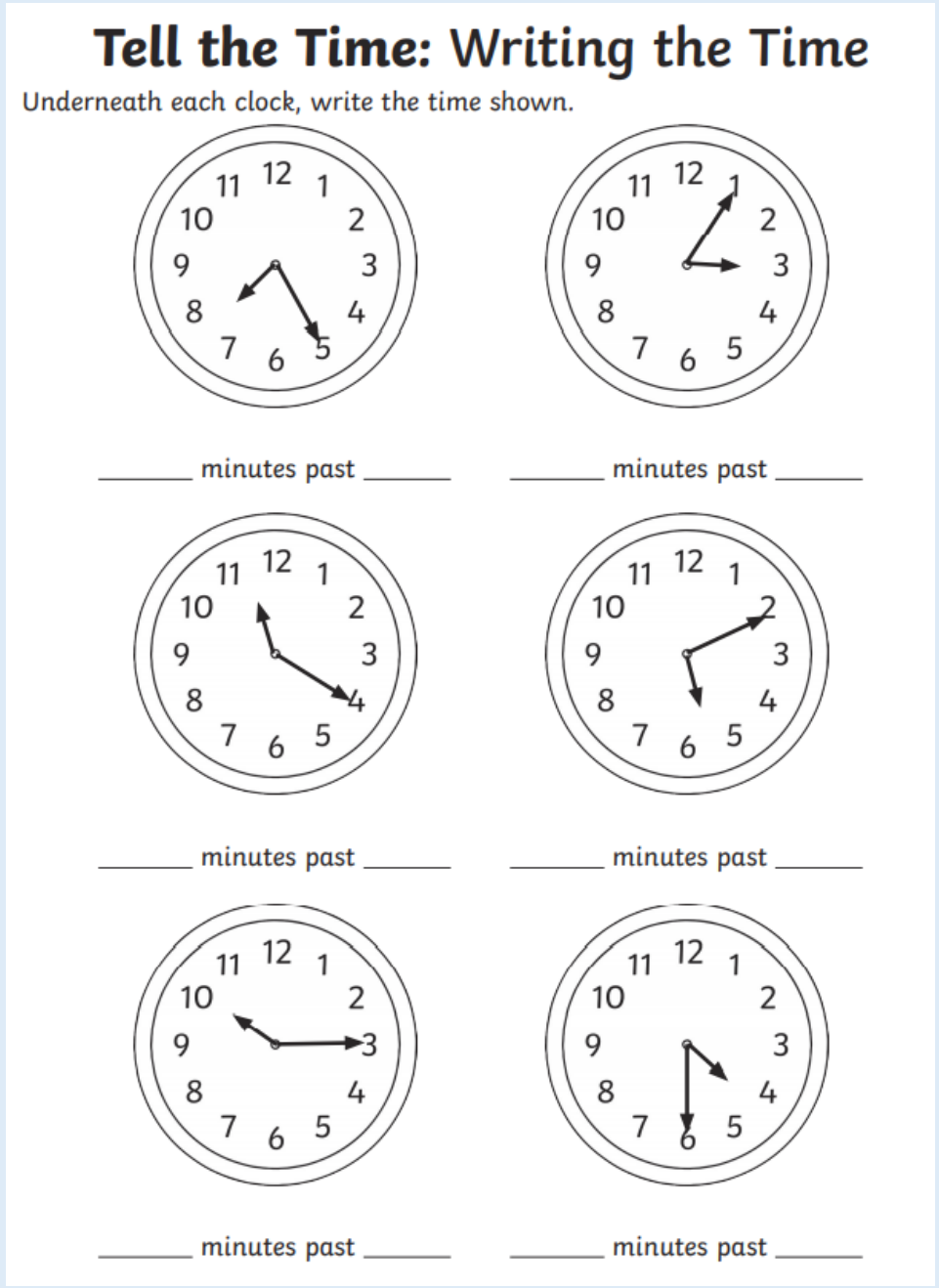
_____ minutes past _____

_____ minutes past _____

_____ minutes past _____

Wednesday- 08.50-09.50am- Black Panthers

Write the times shown for each clock.
Remember to use your 5 times table to support you.



Wednesday- 08.50-09.50am- Hulks

Write the times shown for each clock.
Remember to use your 5 times table to support you.

Tell the Time: Writing the Time

Underneath each clock, write the time shown.

_____ minutes past _____

_____ minutes past _____

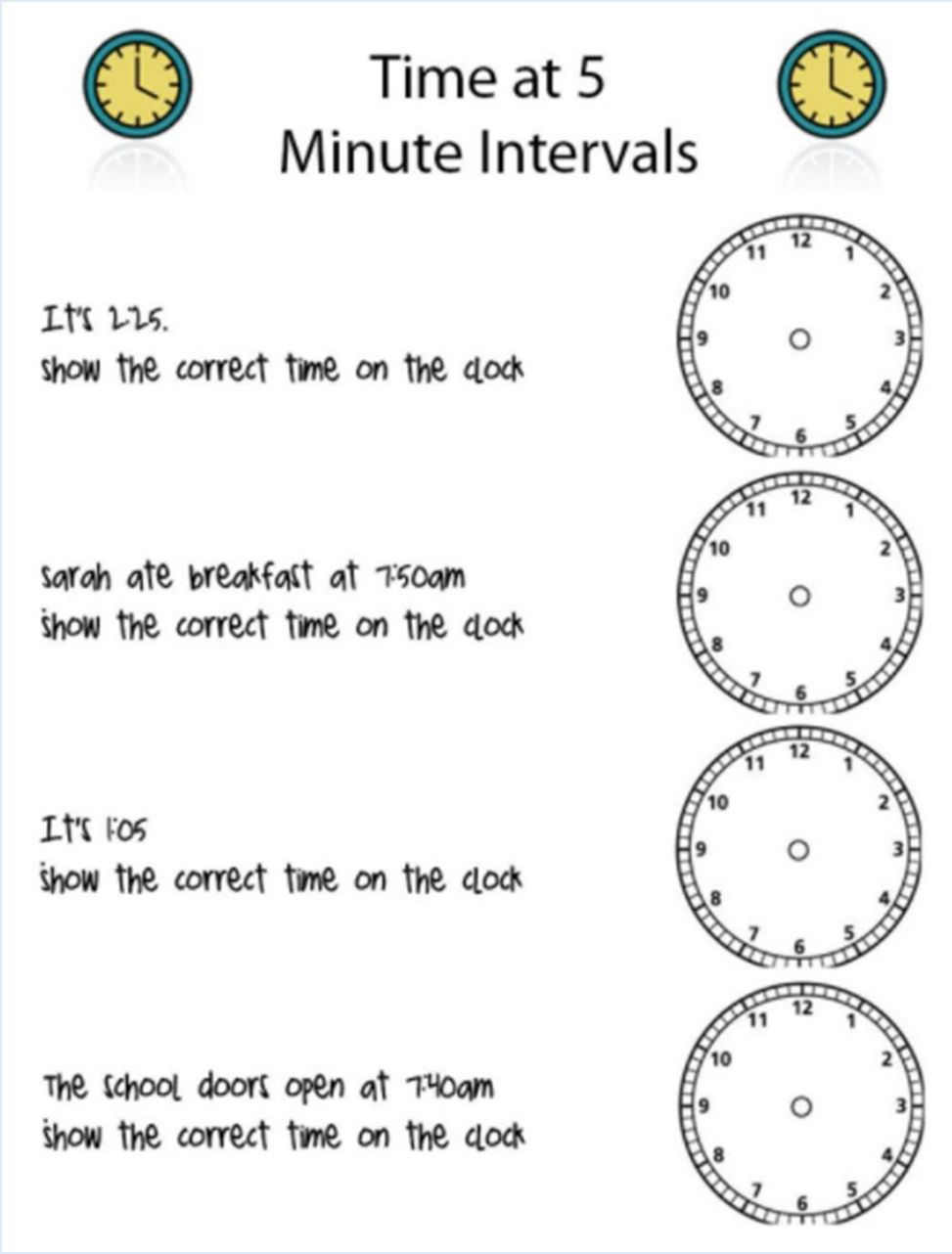
_____ minutes past _____

_____ minutes past _____

_____ minutes past _____

_____ minutes past _____

Wednesday-
08.50-09.50am-
Further Challenge



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4C@hortongrangeacademy.co.uk

Thursday- 08.50-09.50am- Times Table

1 × 11 = 11	7 × 11 = 77
2 × 11 = 22	8 × 11 = 88
3 × 11 = 33	9 × 11 = 99
4 × 11 = 44	10 × 11 = 110
5 × 11 = 55	11 × 11 = 121
6 × 11 = 66	12 × 11 = 132

https://www.youtube.com/watch?v=QyLmDk066lo

Thursday- 08.50-09.50am- OMS

Choose the correct symbols > < = to complete the statements

Storms	BP	Hulks
0.6 ☐ 0.3	27.6 ☐ 27.1	9.99 ☐ 9.94
0.2 ☐ 0.8	7.8 ☐ 8.7	25.05 ☐ 25.50
5.4 ☐ 5.9	0.83 ☐ 0.82	6.78 ☐ 8.76

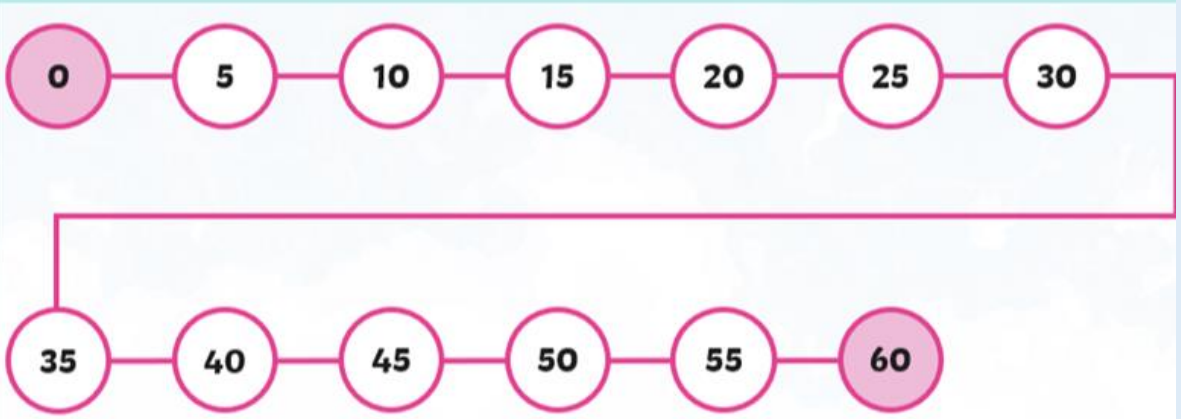
> More than
< Less than
= Equals (Same as)

Thursday- 08.50-09.50am- Maths Recap

Recap - 5 minute intervals

When we are telling the time, it is really important to be able to count in 5s.

Can you count in 5s from 0 to 60?



Yesterday we looked at 5 minute intervals past the hour.

Can you apply your knowledge to complete this question?

What time does it show on the clock?

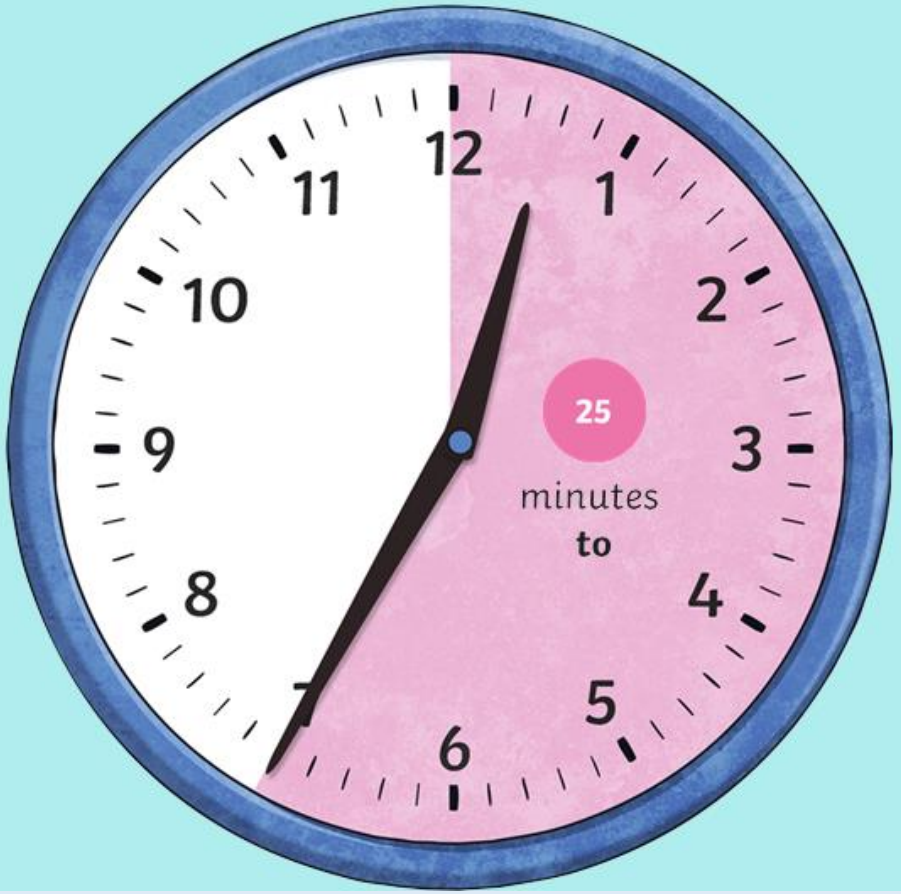
Thursday- 08.50-09.50am- Maths – I do

Remember to use your times tables to support you.

This clock shows 25 minutes to 12.

I do - Today we are going to look at minutes to the hour

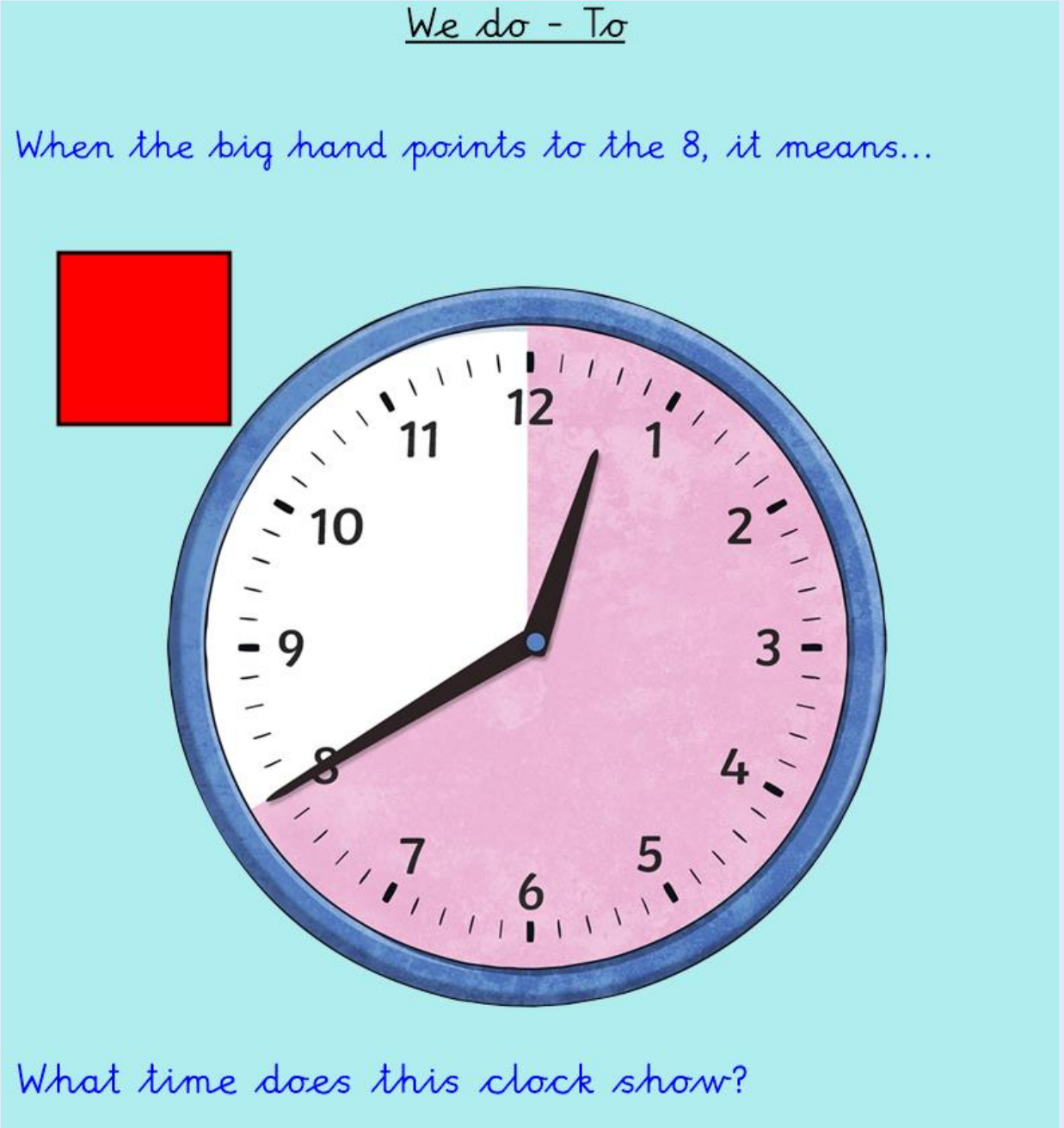
When the big hand points to the 7, it means...



Thursday- 08.50-09.50am- Maths – We do

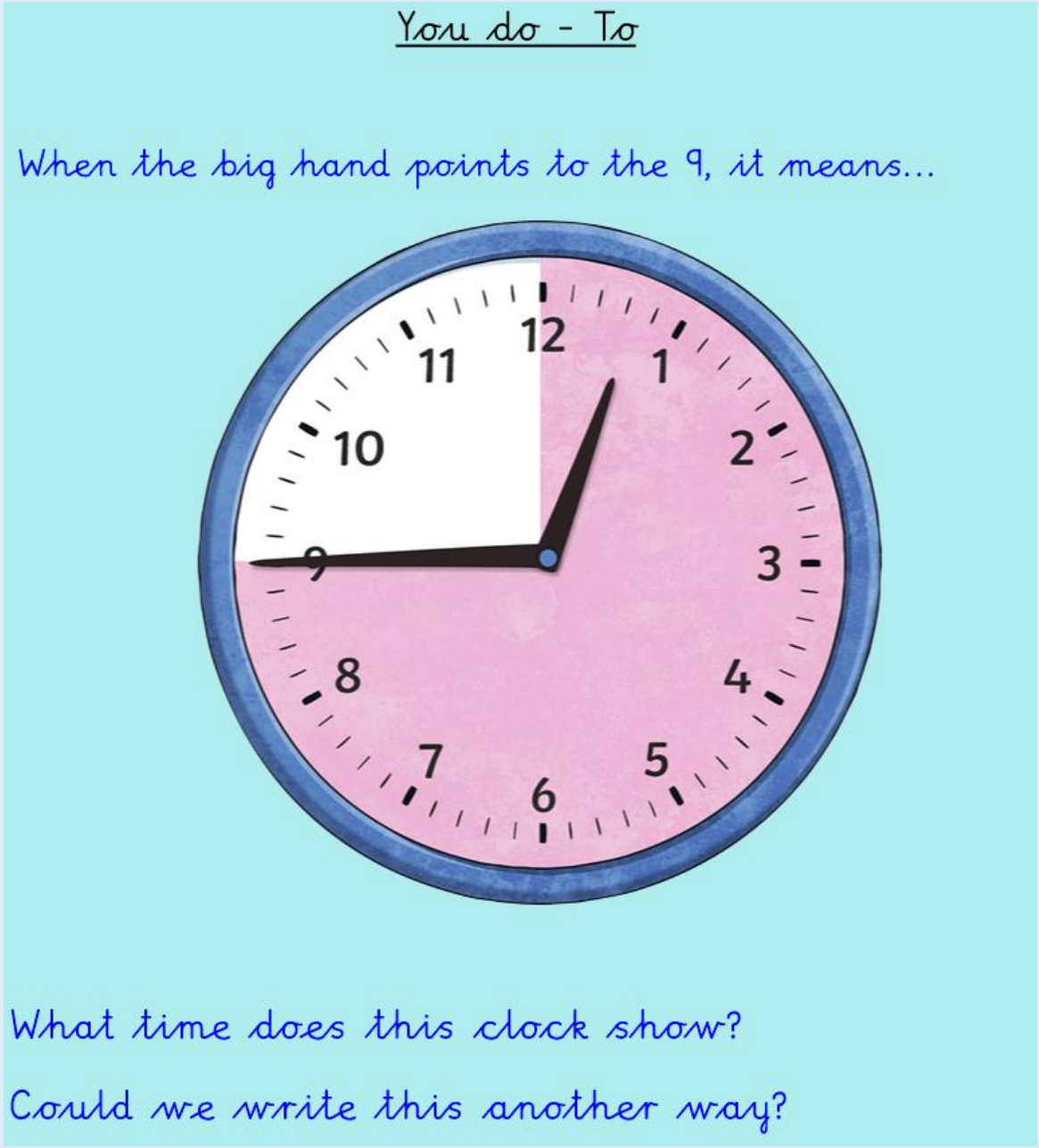
Remember to use your times tables to support you.

This clock shows 20 minutes to 12.



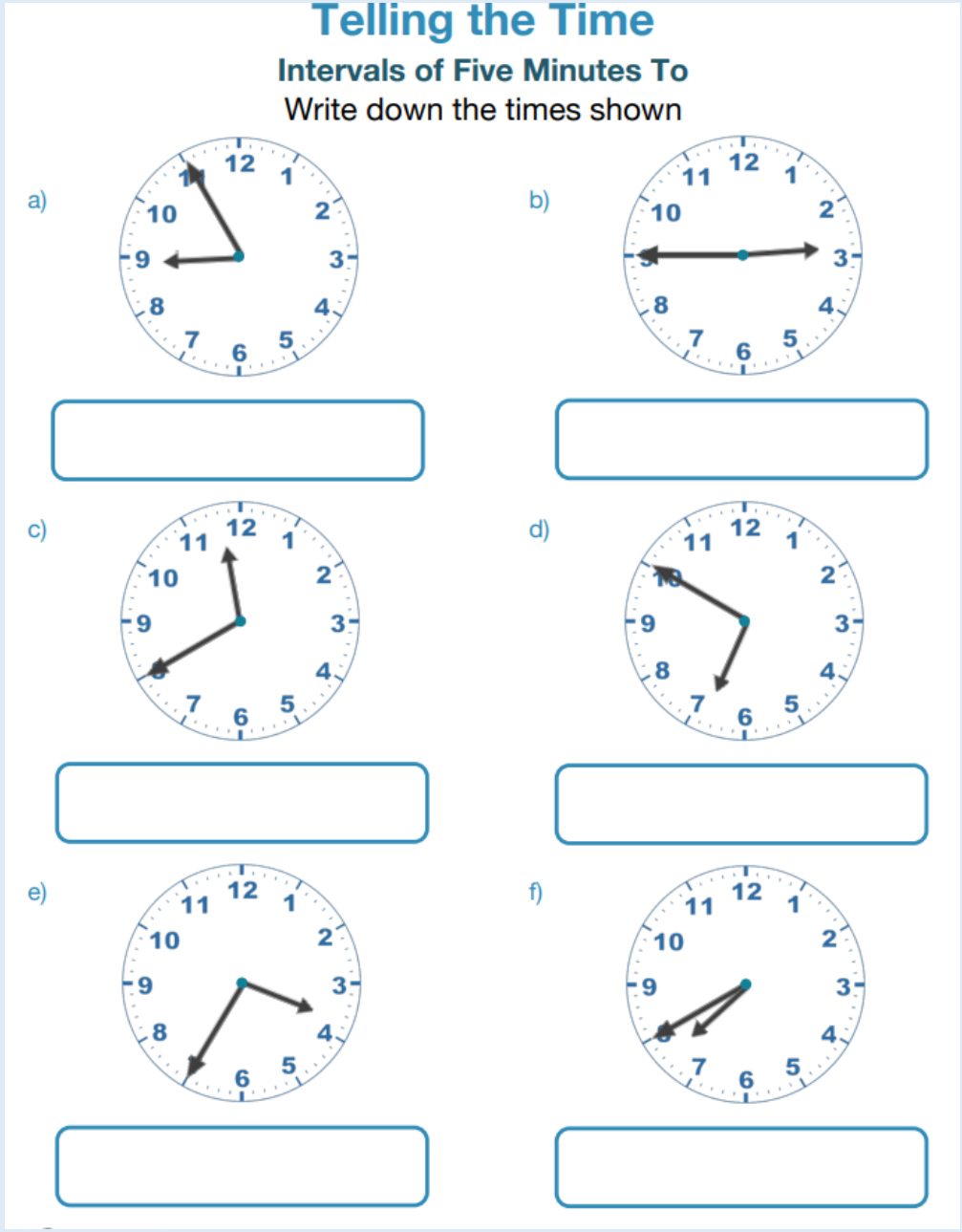
Thursday- 08.50-09.50am- Maths – You do

Remember to use your times tables to support you.



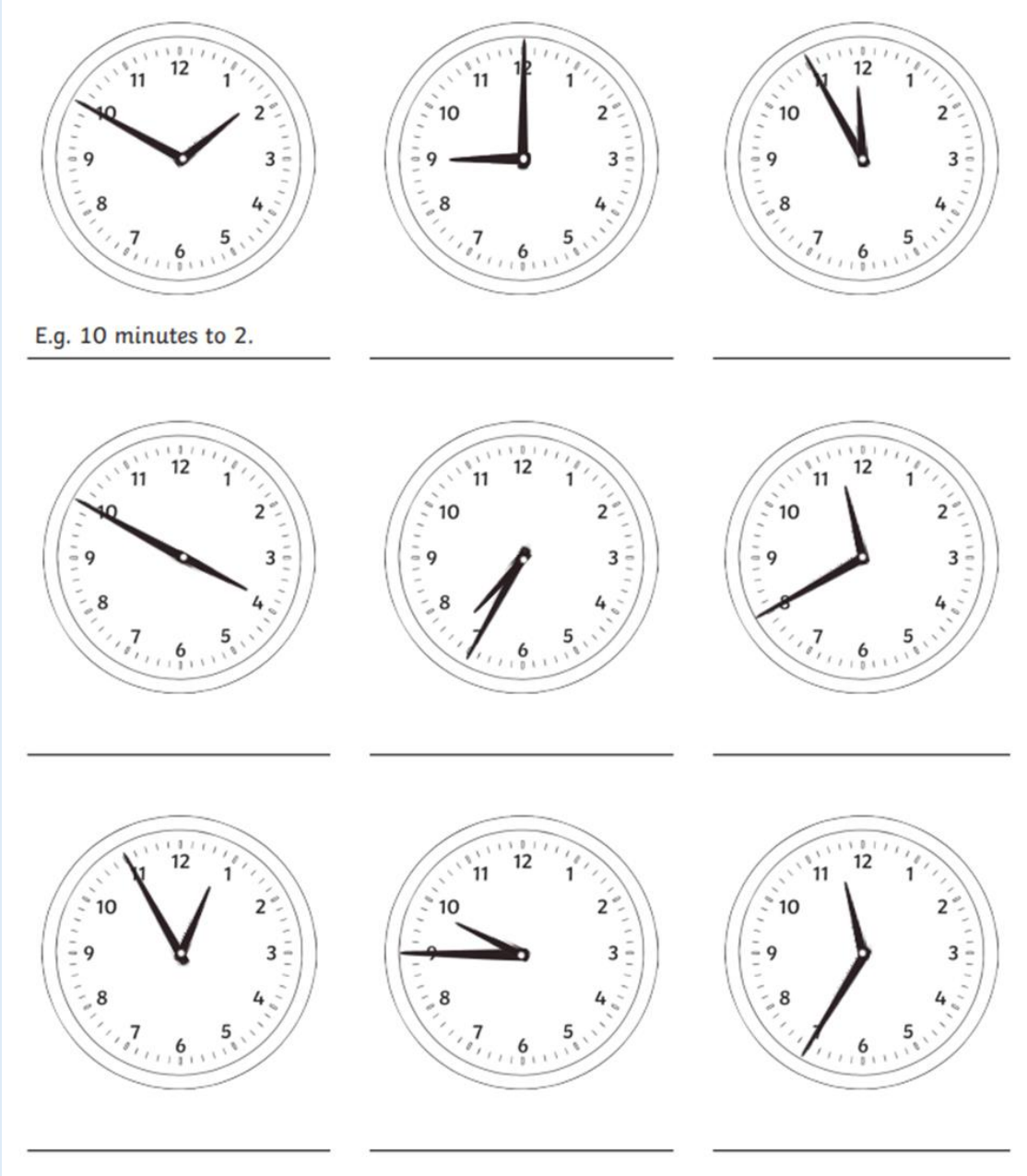
Thursday- 08.50-09.50am- Storms Task

Use your 5 times table to support you.



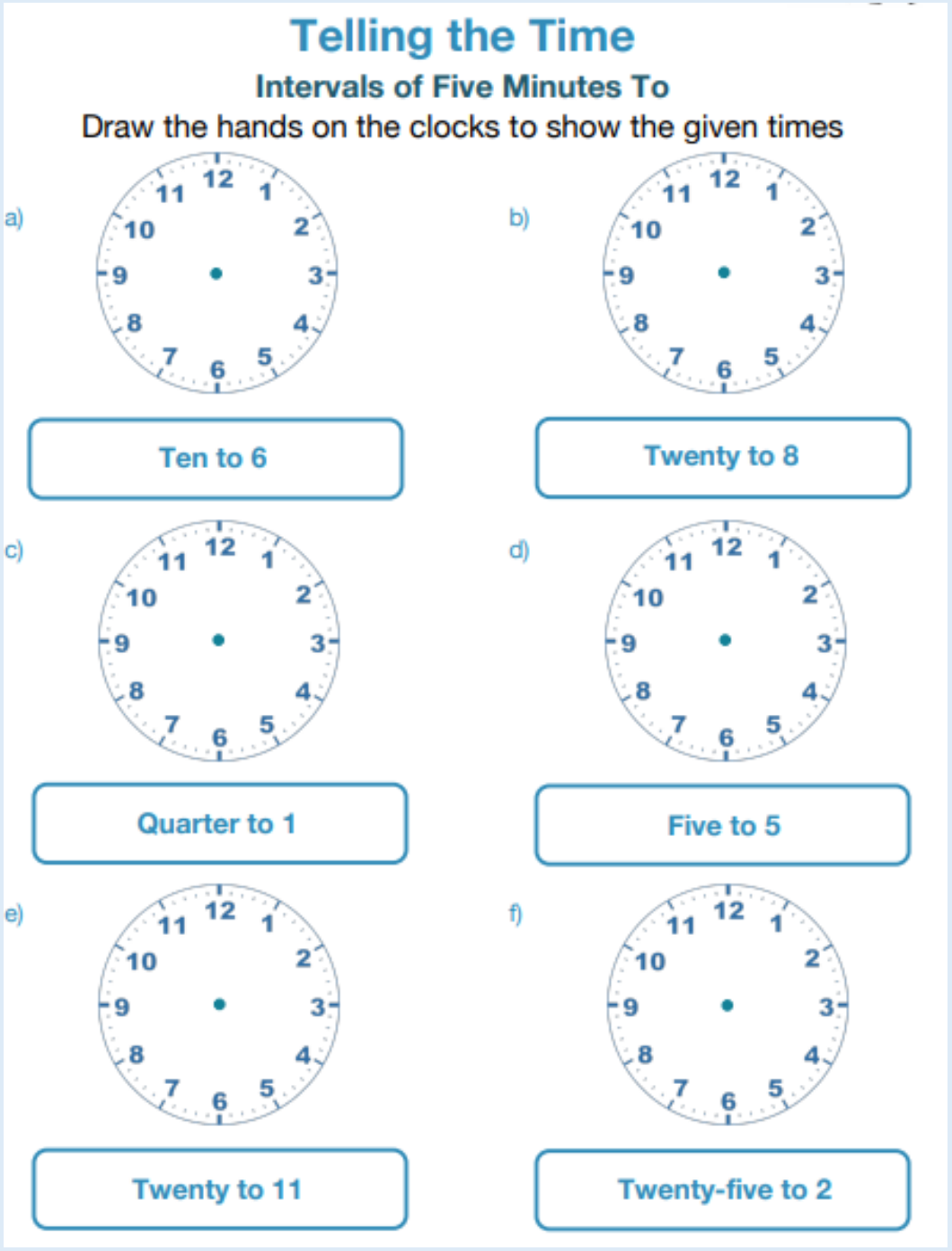
Thursday- 08.50-09.50am- BP Task

Use your 5 times table to support you.



Thursday- 08.50-09.50am- Hulks Task

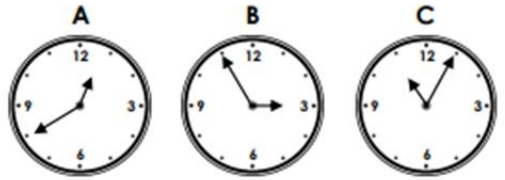
Use your 5 times table to support you.



Thursday- 08.50-09.50am- Further Challenge

7a. Draw lines to match the correct times.

A B C



5 past 11	20 to 1	5 to 3

PS

7b. Draw lines to match the correct times.

A B C

10 past 4	10 to 2	25 past 2

PS

8a. Carla says,

I started watching a cartoon at 20 past 9. It finished 35 minutes later so the minute hand was pointing at the 10.

Is she correct?

Explain why.

R

8b. Julian says,

I took my dog for a walk at 5 to 3 and got home 25 minutes later, so the minute hand was pointing at the 5.

Is he correct?

Explain why.

R

9a. Harun starts playing games at 5 to 2.

He plays 'Funky Marco' for 5 minutes, 'Boxing Crazy' for 5 minutes and 'Build a Cube' for 5 minutes.

What time does he finish playing?

PS

9b. Saffie gets in from school at 10 past 3.

She plays outside for 5 minutes, reads her book for 5 minutes and then draws for 5 minutes.

What time does she finish drawing?

PS

Well done for completing Day 4 – Maths

Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Friday 08:50am-09:50amTimes Table

1 × 7 = 7	7 × 7 = 49
2 × 7 = 14	8 × 7 = 56
3 × 7 = 21	9 × 7 = 63
4 × 7 = 28	10 × 7 = 70
5 × 7 = 35	11 × 7 = 77
6 × 7 = 42	12 × 7 = 84

https://www.youtube.com/watch?v=x4lyvoo7wNI

Friday 08:50am-09:50am OMS

OMS: Tenths

Complete each of the following questions

Storms

Write fractions to complete the sentences.

a) ☐ of the counters are yellow.

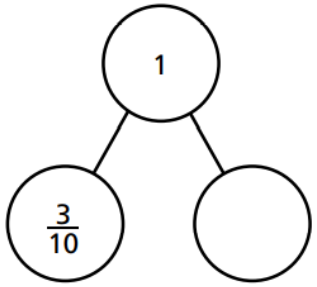
b) ☐ of the counters are red.

c) ☐ of the counters are green.

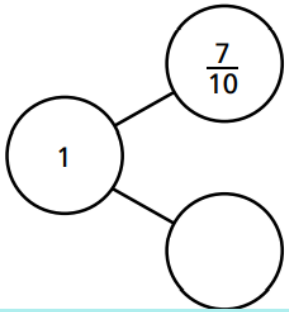
a) 3/10

Black Panthers

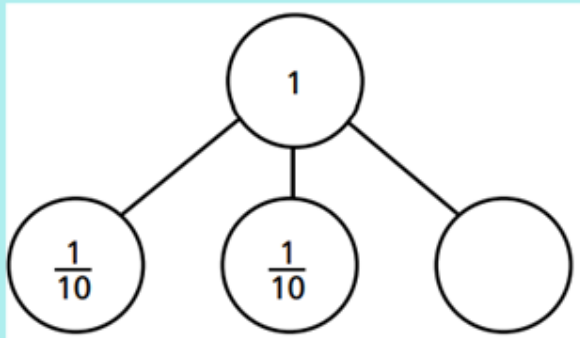
a)

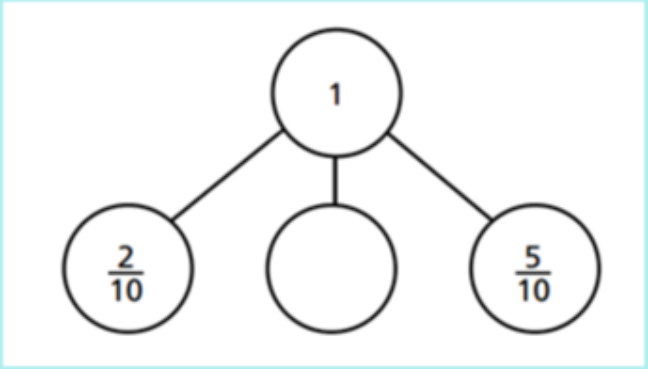


b)



Hulks





Friday 08:50am-09:50am – Maths

I do

Today we will learn about 5 minute intervals involving both 'Past' and 'To'

This clock shows Quarter to 3

I do - 5 minute intervals

When the big hand points to the 9, it means it is...

What time does this clock show?

Friday 08:50am-09:50am – Maths

We do

Remember to use your 5 times tables to help you.

This clock shows 15 minutes past 11 or Quarter Past 11.

We do - 5 minute intervals

When the big hand points to the 3, it means it is...

What time does this clock show?

Friday 08:50am-09:50am – Maths

You do

Remember to use your 5 times tables to help you.

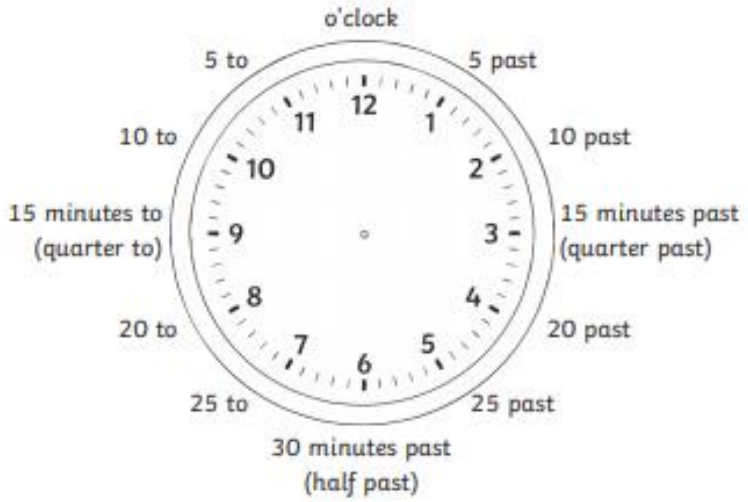
You do - 5 minute intervals

When the big hand points to the 4, it means it is...

What time does this clock show?

Friday 08:50am-09:50am - Storms

1) Write the time shown underneath each clock. Use this labelled clock to help.



a) b) c)

d) e) f)

g)

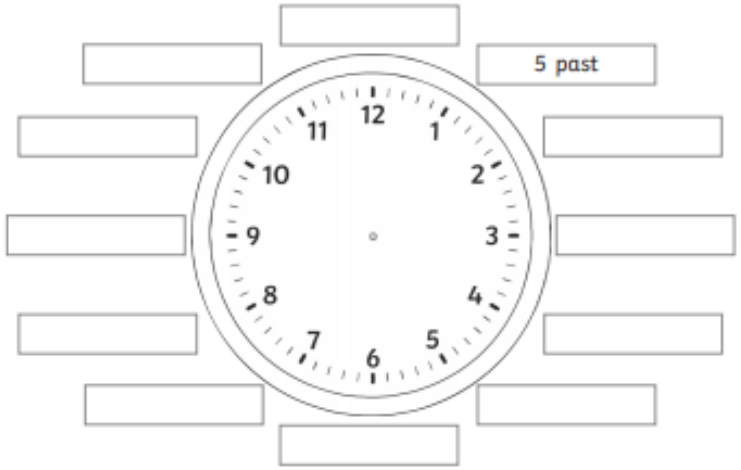
2) Draw hands on each clock to show the time.

a) b) c)

quarter to 6 5 to 9 20 past 11

Friday 08:50am-09:50am - BP

1) Label the outside of this clock to help you to tell the time in 5-minute intervals.
The first one has been done for you.



2) Write the time shown underneath each clock.

a)

b)

c)

d)

e)

f)

g)

h)

3) Draw hands on each clock to show the time.

a)

5 past 3

b)

quarter to 6

c)

25 to 5

Friday 08:50am-09:50am - Hulks

1) Write the time shown underneath each clock.

a)

b)

c)

d)

e)

f)

g)

h)

2) Draw hands on each clock to show the time.

a)

quarter to 3

b)

5 past 8

c)

20 past 5

d)

5 to 2

e)

25 past 11

f)

10 to 1

Friday 08:50-09:50am Further Challenge

Further Challenge

1. The answer is 72 hours. What could the question be?

2. I spend $\frac{1}{4}$ of my day at school. How many hours do I spend at school?

3. Freddie says that if I sleep for 11 hours I will only have one hour left of the day for other activities. What mistake has Freddie made?

4. Tracy goes on holiday to Blackpool for 60 hours. How many full days did she spend on holiday?

5. Over two and a half days, Noah spends five hours playing with Anna, he spends 34 hours sleeping and 2 hours doing chores. How much time did he have left for other activities?

Well done for completing Day 5 –Maths

Please take a photograph of your amazing work and send it to your class teacher on the class email address below. We can then send you some feedback on the great work you have completed.

4A@hortongrangeacademy.co.uk

4B@hortongrangeacademy.co.uk

4C@hortongrangeacademy.co.uk

Well done for completing all your maths home learning!

Don't forget to send your completed work over to your class teacher:

Class 4A:
4A@hortongrangeacademy.co.uk

Class 4B:
4B@hortongrangeacademy.co.uk

Class 4C:
4C@hortongrangeacademy.co.uk

Have a lovely weekend!