# Measures: money and time

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#### We are Mathematicians!

We are learning to ...

In year 2 we...

By the end of the year, we will be able to...

In future, this will help with ...

Key vocabulary we will use in this unit...

#### Partner Talk

- 1) How many days are there in one week?
- 2) How many months are there in one year?
- 3) How many days are there
  - a) in an ordinary year? b) in a leap year?
- 4) What month comes before January?

I can't remember how many days there are in each month.





Don't worry Tiny. I know a rhyme you can use.

30 days has September, April, June and November, All the rest have 31 Except February, 28 days here Or 29 in each leap year.

Month	Number of days
January	
February	
March	
April	
May	
June	
July	•
August	*
September	
October	
November	
December	

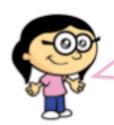
30 days has September, April, June and November, All the rest have 31 Except February, 28 days here Or 29 in each leap year.

We can use the rhyme to help us complete the table.



How do we know if it's a leap year?

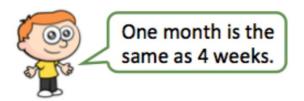




Leap years come every 4 years. 2020 was a leap year

So 2024 must be a leap year too?



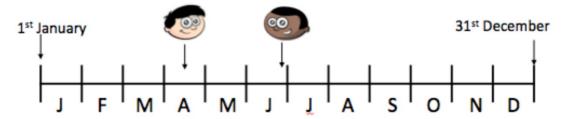


Is Ron correct?

February has 28 days.



This number line represents one year.



Dexter and Mo draw arrows to mark their birthdays

Estimate the date of their birthdays.



So the 30th November must be a





There are Fridays in





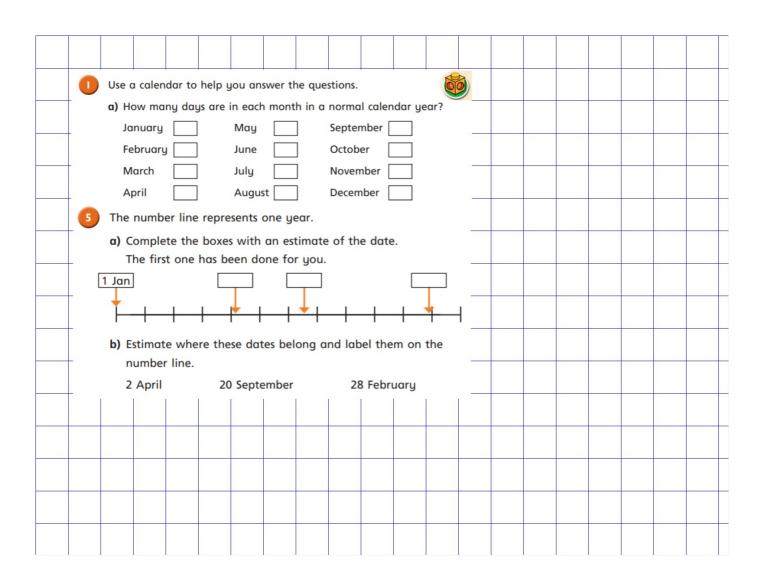
Christmas day is on a

But only Saturdays.

December.

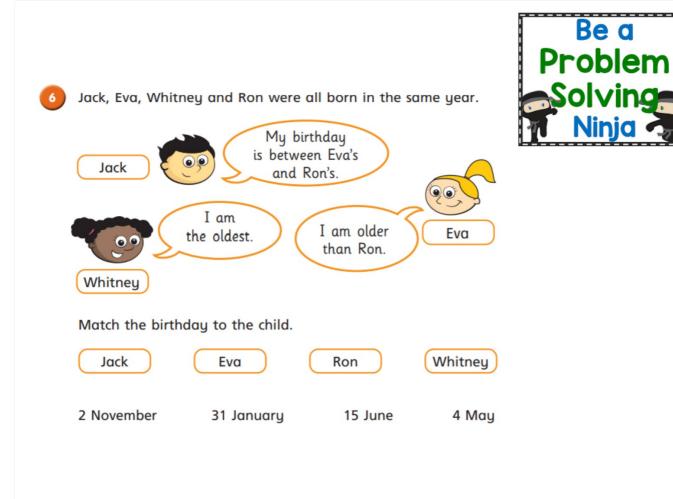
December has days! I know that from the rhyme!



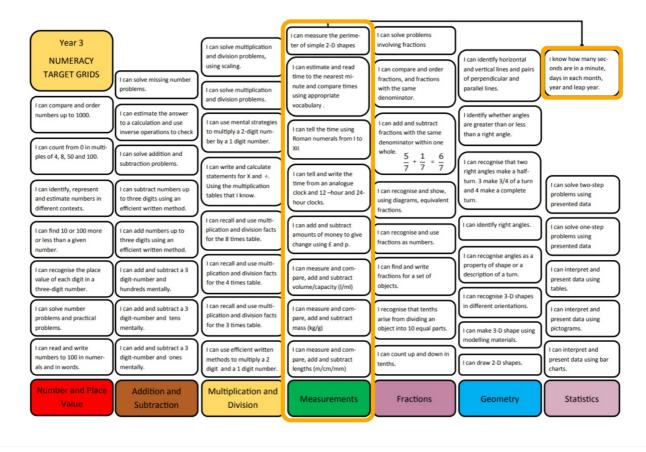


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<b>b)</b> 8 day	ys O	2 weeks	f) 2	2 years (	22	months							
c) 3 weel	ks	1 month	<b>g)</b> 36 r	months (	<b>3</b> y	jears							
d) 5 weel	ks	1 month					-						
3 Here	is a calend	dar from D	ecember 2	2016				-					
				i									
Monda	y Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday							
			1	2	3	4	4						
5	6	7	8	9	10	11	_	_					
12	13	14	15	16	17	18	_						
19	20	21	22	23	24	25							
26	27	28	29	30	31			-					
a) What	day of the	week wa	s 25 Dec	ember in	2016?			T:					
b) lack's	birthday is	s on 17 De	cember.										
				hdau is	20162								
vvnat	day of the	week wa	אום צווז בו	naay in	2010?			_		1			
c) How n	nany days	are there	between	Jack's k	irthday o	and Box	ing Da	ıy?					
							-			-			
a) vvnat	day of the	week wa	is New Ye	ears naí	j in 2017:								
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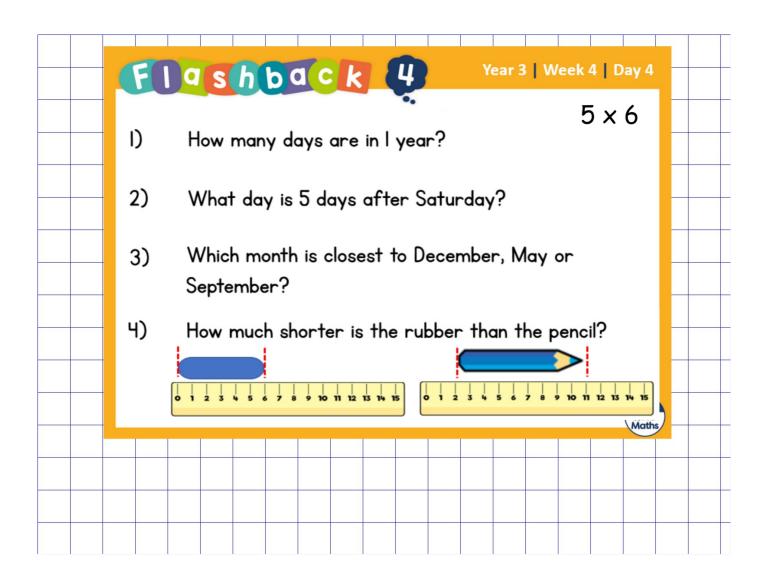
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## Time to fill in your target grid...



LO: To understand hours are in a day.  I know how many hours are in a day.  I know the difference between a school week and a calendar week  I can use and understand words such as midday, midnight and noon.  I understand the difference between a day and daytime.																			
LO: To understand hours are in a day.  I know how many hours are in a day.  I know the difference between a school week and a calendar week  I can use and understand words such as midday, midnight and noon.	8.2.	2 2																	
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I know the difference between a school week and a calendar week  I can use and understand words such as midday, midnight and noon.									`	,									
I can use and understand words such as midday, midnight and noon.											pol	and	<i>a c</i>	alan	dar	MMO	L		_
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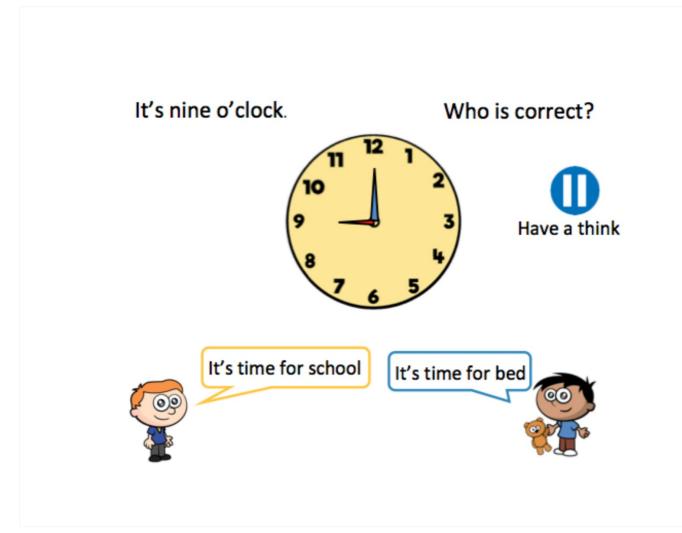


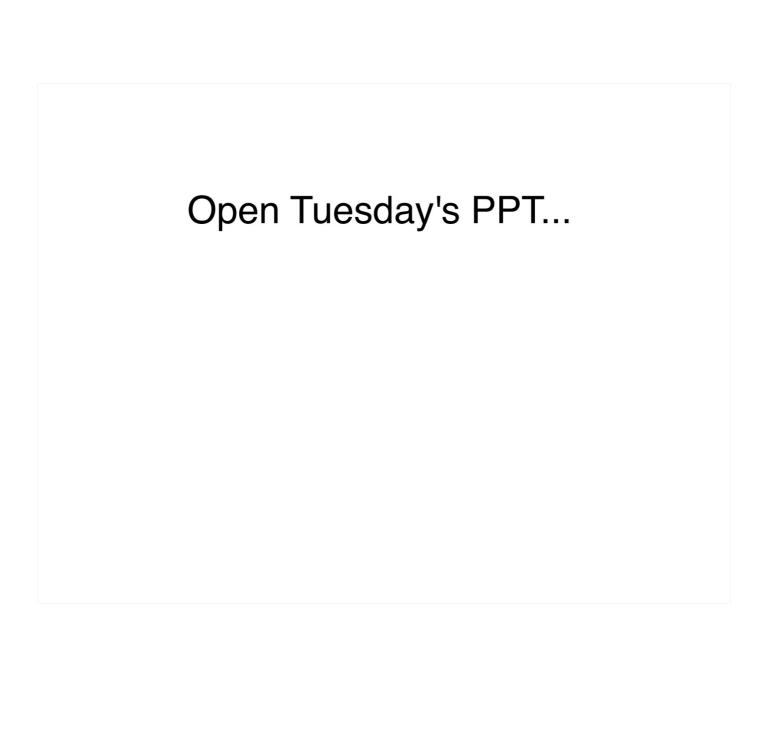
Here are some of the numbers we use to measure time.

12 365

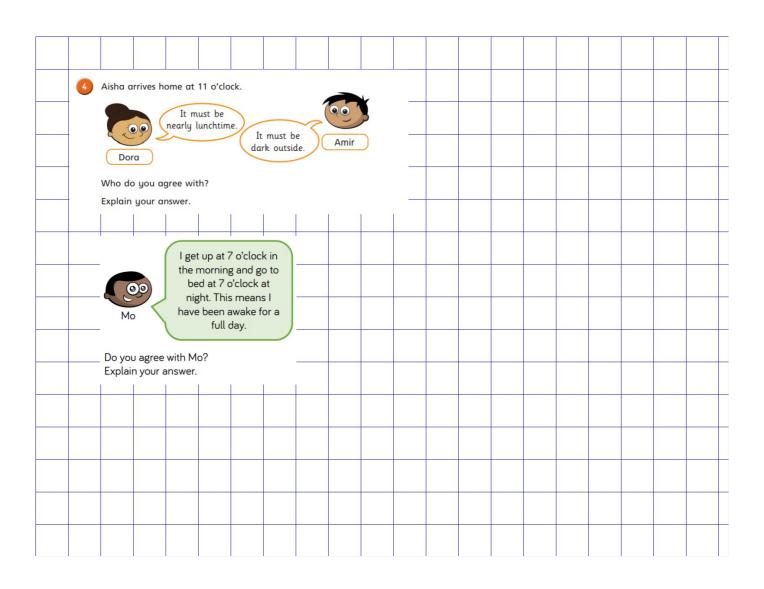
366 24 60

Can you explain what each number represents?





Write the times of day in order of when	they happen.			
	midday evening			
Match the description to the correct num	ber.			
months in a year	5			
days in a week	168			
hours in a day	31			
days in a non-leap year	7			
hours in a week	24			
days in a school week	365			
maximum number of days in a month	12			
3 Fill in the missing numbers.				
<b>a)</b> 1 day = 24 hours	<b>b)</b> 1 week = 7 days			
days = 48 hours	2 weeks = day	s		
4 days = hours	weeks = 21 days			
days = 960 hours	60 weeks =	days		
41 days = hours	63 weeks =	days		



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21	22	23	24	25	26	27								
28	29	30	31											
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-	Is th	is alv	vays	s, sor	net	imes	or	neve	er tr	ue?			_			
	How	do	you	knov	w?								-			
9	Esth	ner g	oes	to so	hoc	ol fo	r 5	houi	rs ec	ach d	day.					
	The	re a	re n	o sch	ool	holi	iday	ıs in	the	mo	nth	of N	/larc	h.		
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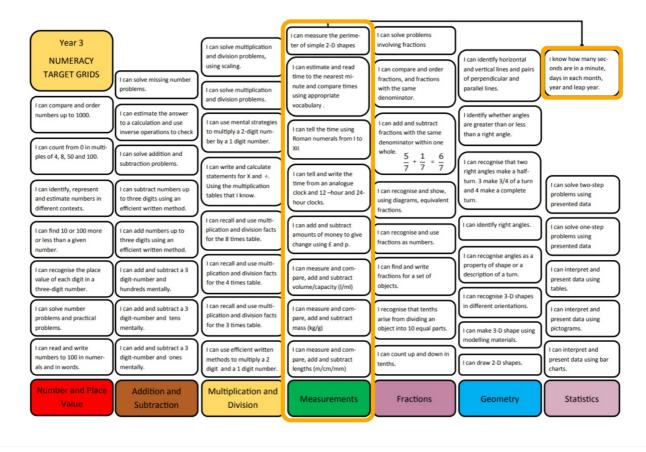
# True or False ?

Hours in a day

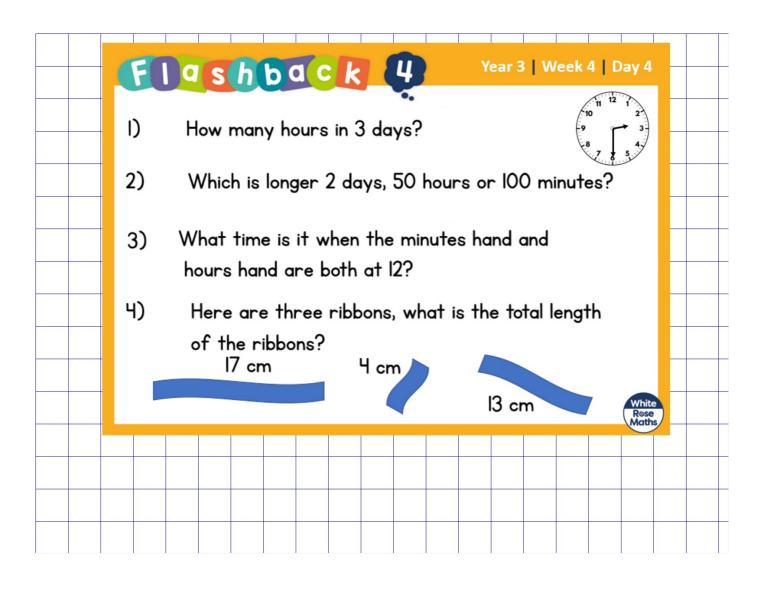
If it is noon on Tuesday, in 24 hours it will be midnight on Wednesday.



## Time to fill in your target grid...

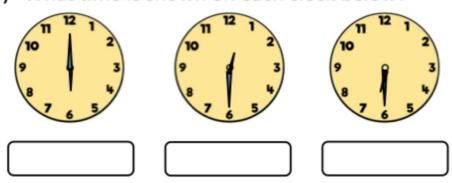


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### Partner talk

1) What time is shown on each clock below?

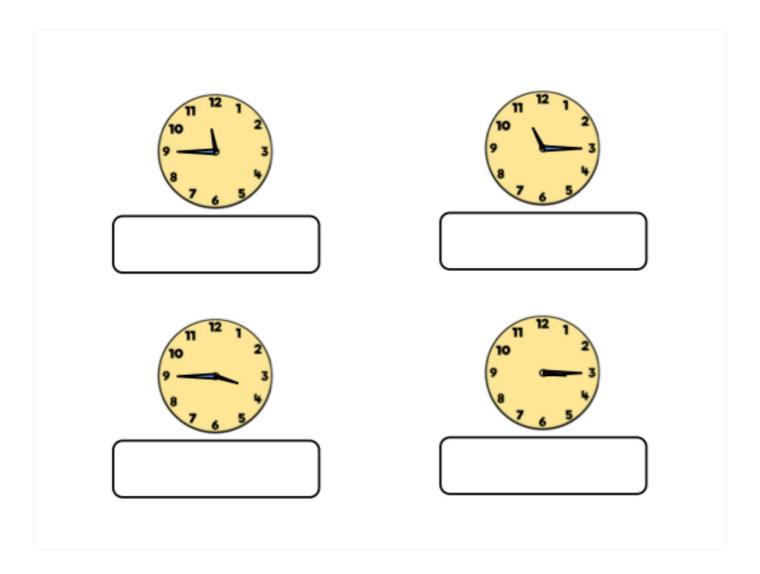


2) What fraction of the shapes below is shaded?











# Which clock shows quarter to 3?









## Match the times to the correct clocks.



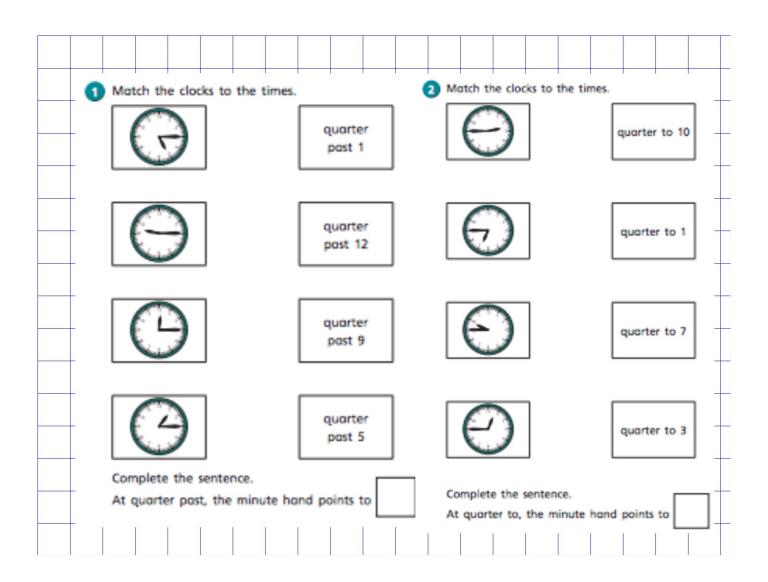


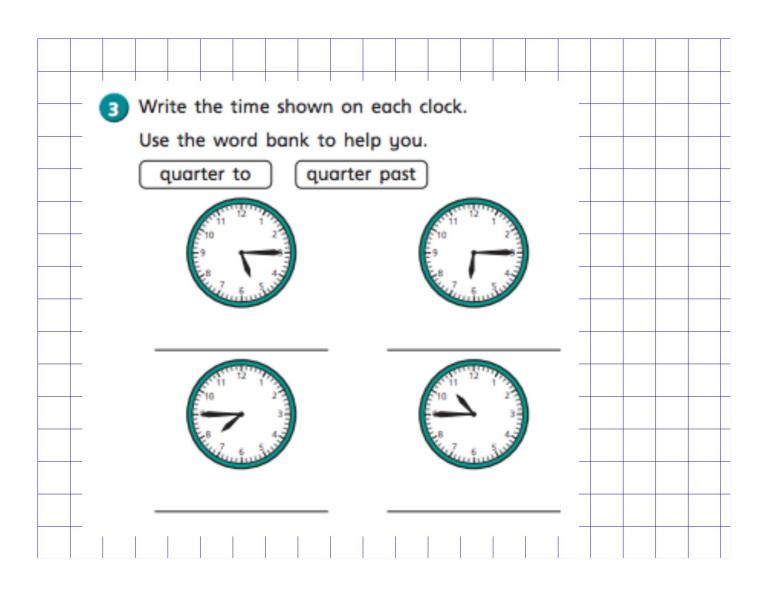


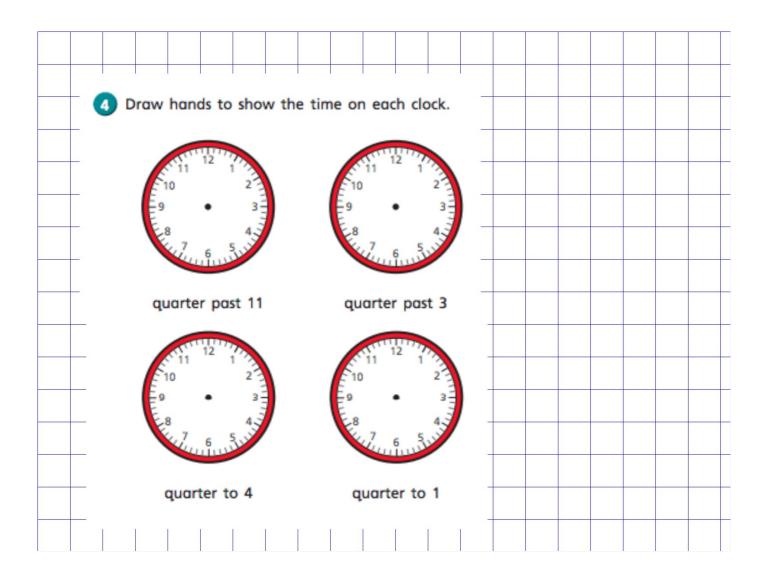
quarter to 6

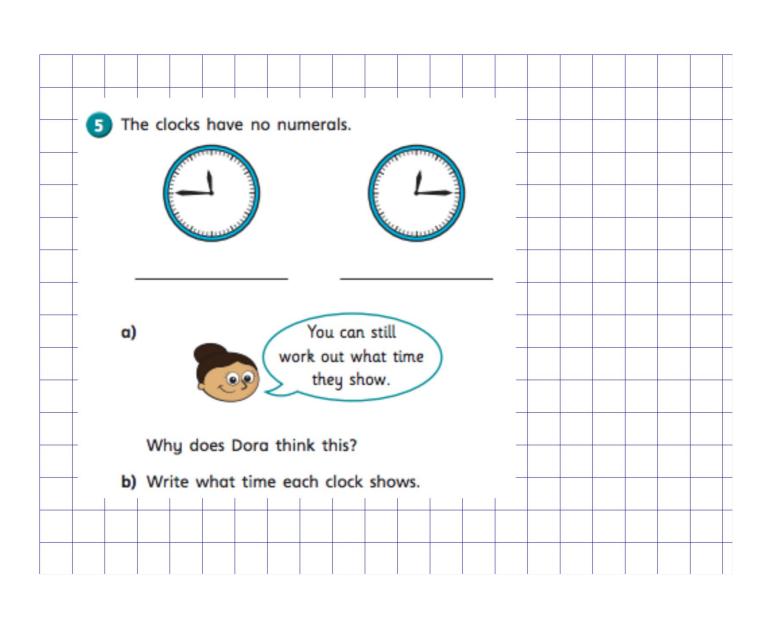
quarter past 6

half past 6





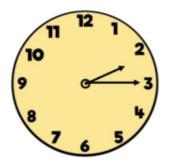




# True or False?

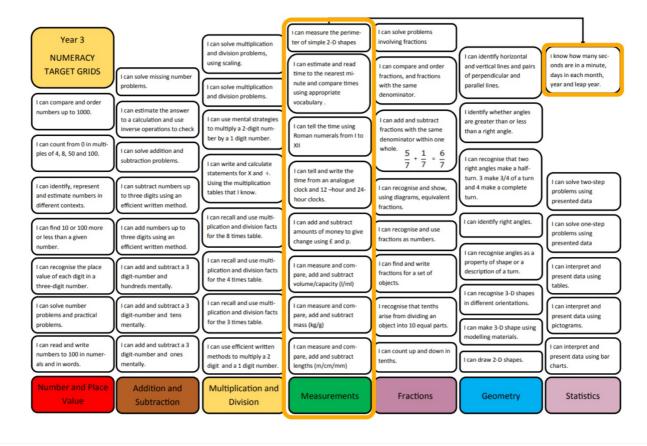
Quarter past and quarter to

There are 30 minutes between quarter past 2 and quarter to 3

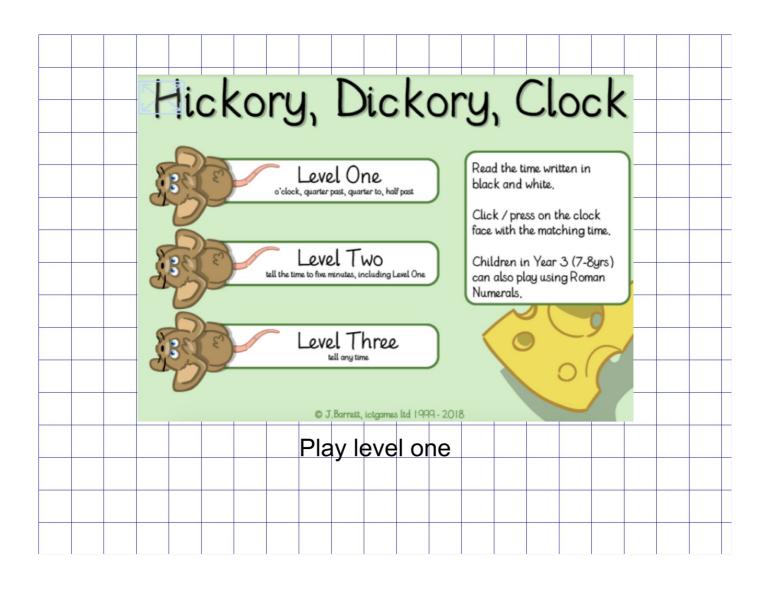




## Time to fill in your target grid...



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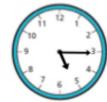


#### Partner Talk

- 1) How many minutes are there in 1 hour?
- 2) What time is shown on the clocks?



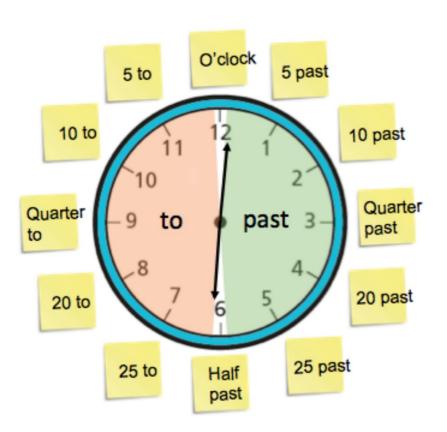


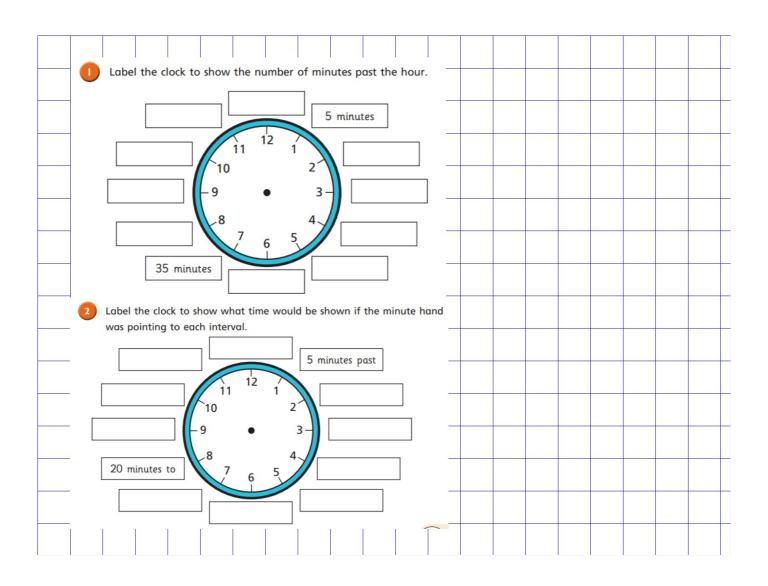


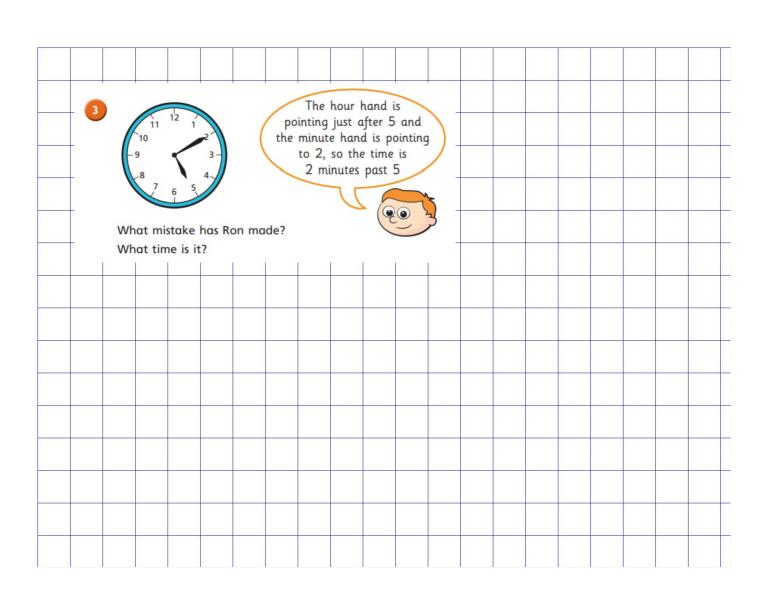


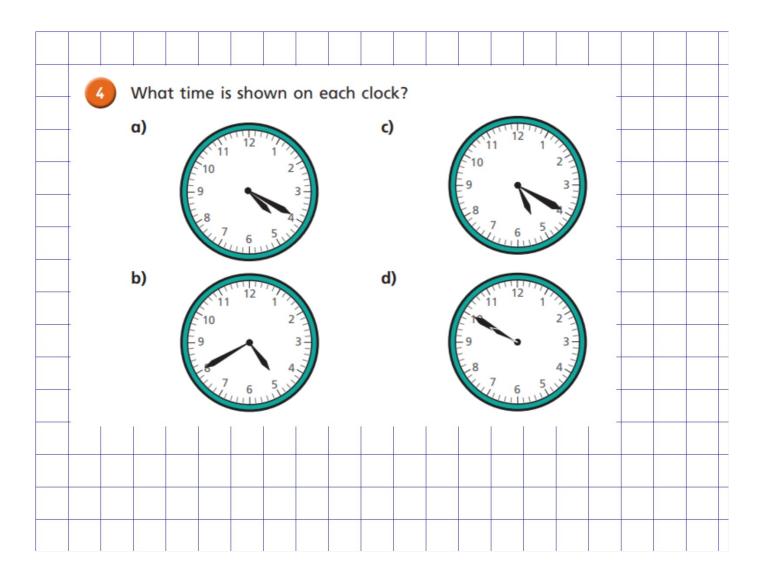
- 3) How many minutes in half an hour?
- 4) How many minutes in a quarter of an hour?

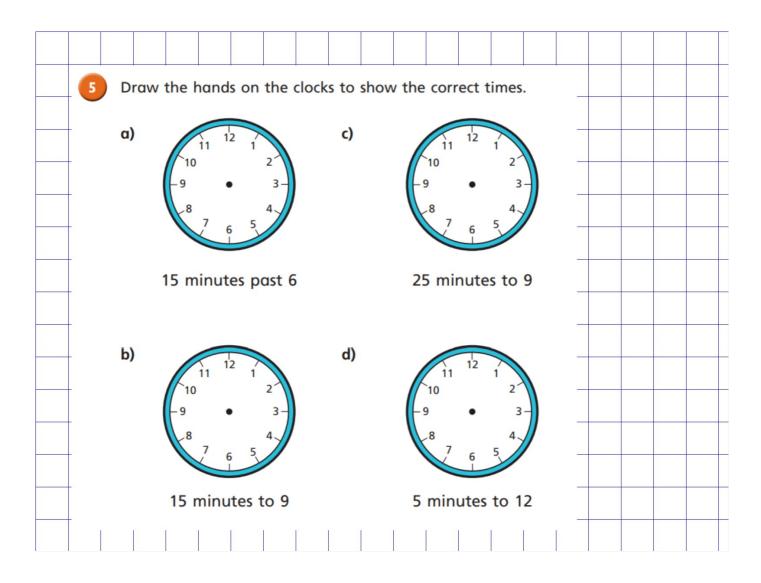
## Now use Thursday's PPT...

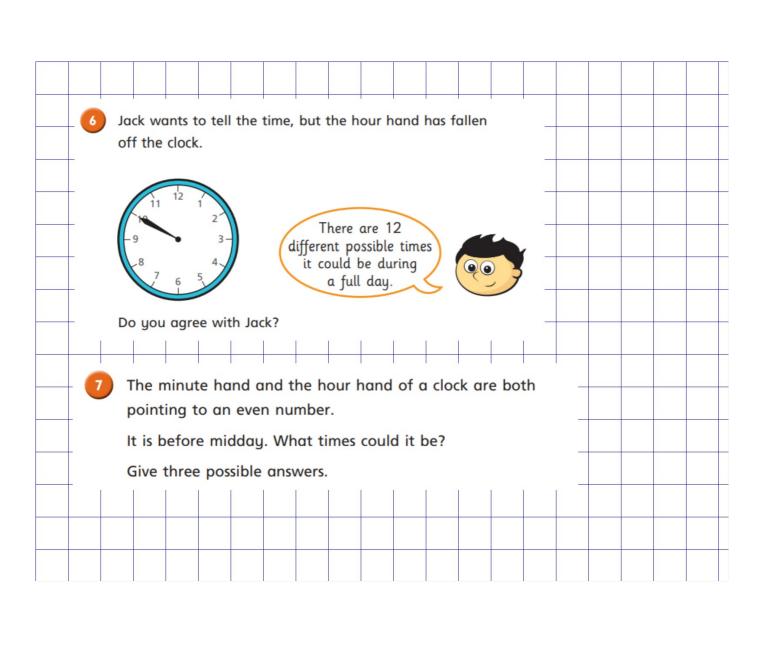


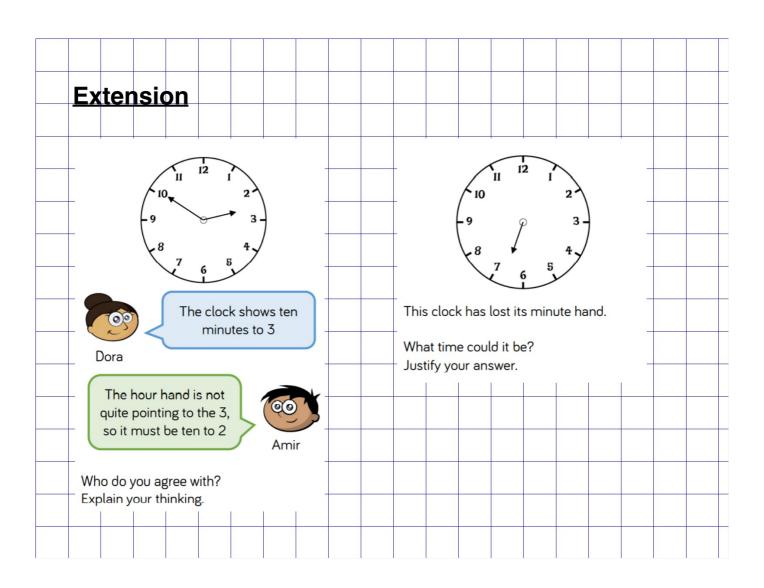


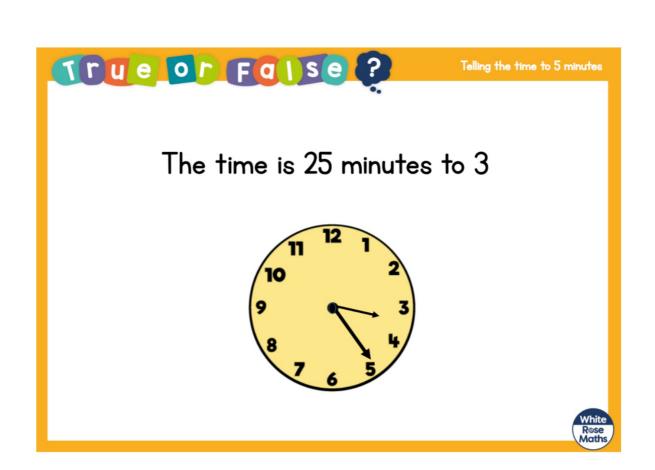












## Time to fill in your target grid...

