

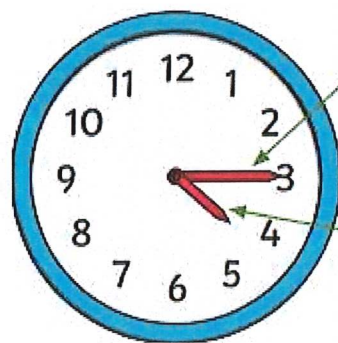
# Mathematics - Week 4

## Telling the time

Areas covered this week:

- To read analogue and digital clocks
- To understand the difference between the 12 and 24 hour clock
- To compare time

Remember to also practise  
your Times Tables 😊



### **Minute Hand**

The long hand points to the minutes past or the minutes to the hour.

### **Hour Hand**

The short hand points to the hour. If this hand is pointing between hours, it is either past the earlier hour or to the later hour.

# Time

## Knowledge Organiser

### Key Vocabulary

12-hour time

24-hour time

Roman numerals

analogue

digital

hours

minutes

seconds

o'clock

half past

quarter past

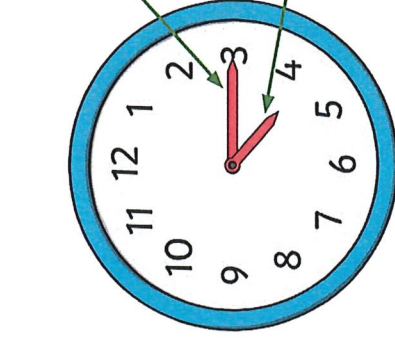
quarter to

midday

midnight

noon

### Analogue and Digital Clocks

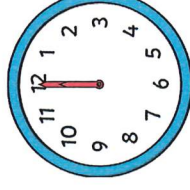


#### Minute Hand

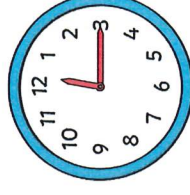
The long hand points to the minutes past or the minutes to the hour.

#### Hour Hand

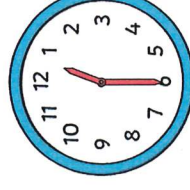
The short hand points to the hour. If this hand is pointing between hours, it is either past the earlier hour or to the later hour.



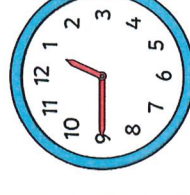
twelve o'clock



quarter past twelve

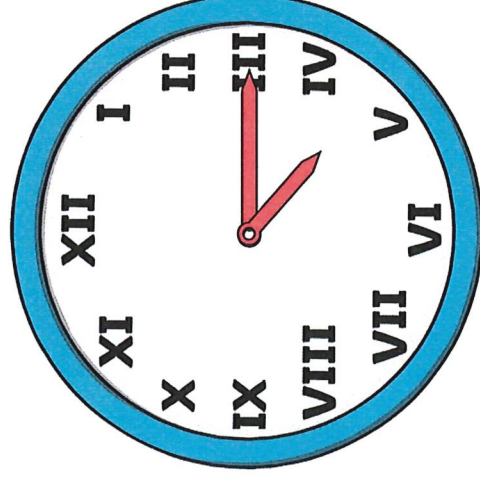


half past twelve

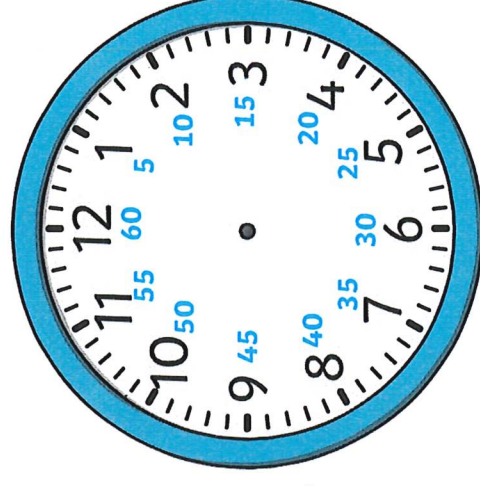


quarter to one

### Time and Roman Numerals



There are **60 seconds** in an minute.



There are **60 minutes** in an hour.

visit [twinkl.com](https://www.twinkl.com)

twinkl

### Hours, Minutes and Seconds

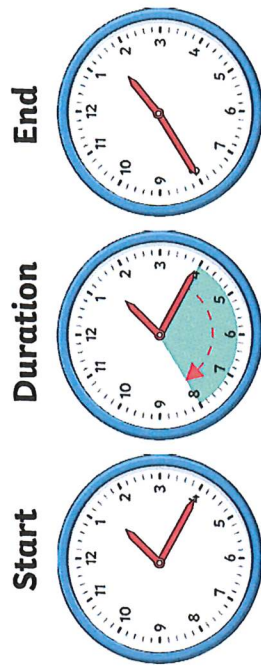
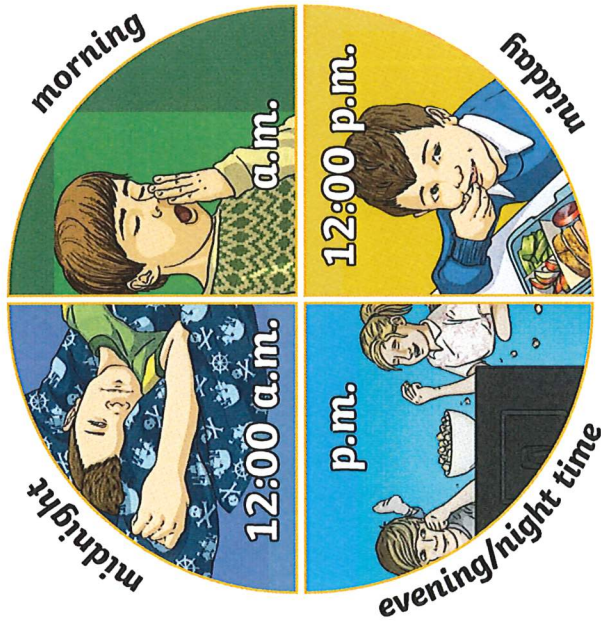


## 24-Hour Time

## Calculate Durations of Time

	13:00	1 p.m.	1 o'clock	
	14:00	2 p.m.	2 o'clock	
	15:00	3 p.m.	3 o'clock	
	16:00	4 p.m.	4 o'clock	
	17:00	5 p.m.	5 o'clock	
	18:00	6 p.m.	6 o'clock	
	19:00	7 p.m.	7 o'clock	
	20:00	8 p.m.	8 o'clock	
	21:00	9 p.m.	9 o'clock	
	22:00	10 p.m.	10 o'clock	
	23:00	11 p.m.	11 o'clock	
	00:00	12 a.m.	12 o'clock	

There are 24 hours  
in a day.



20 minutes has passed.

## Compare Durations of Time

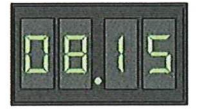
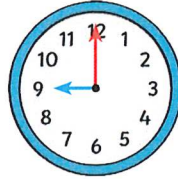
Compare the time using the vocabulary 'longer' and 'shorter'.

180 seconds	<b>is the same as</b>	3 minutes.
90 minutes	<b>is shorter than</b>	2 hours.
48 hours	<b>is longer than</b>	1 day.

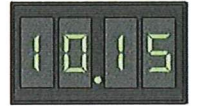
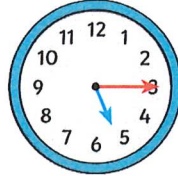
# Digital and Analogue Clocks

Match the different ways of representing the same time.

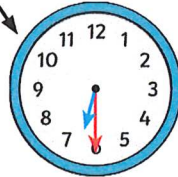
half past six



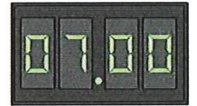
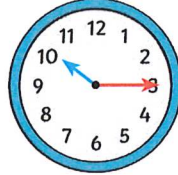
quarter past eight



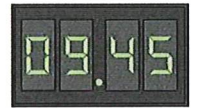
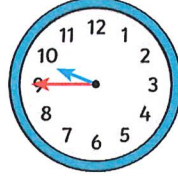
nine o'clock



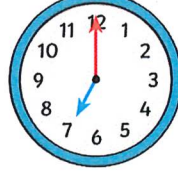
quarter to seven



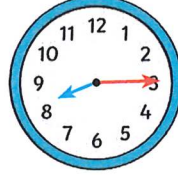
quarter past five



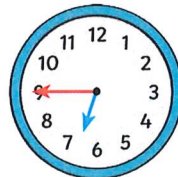
quarter past ten



quarter to ten



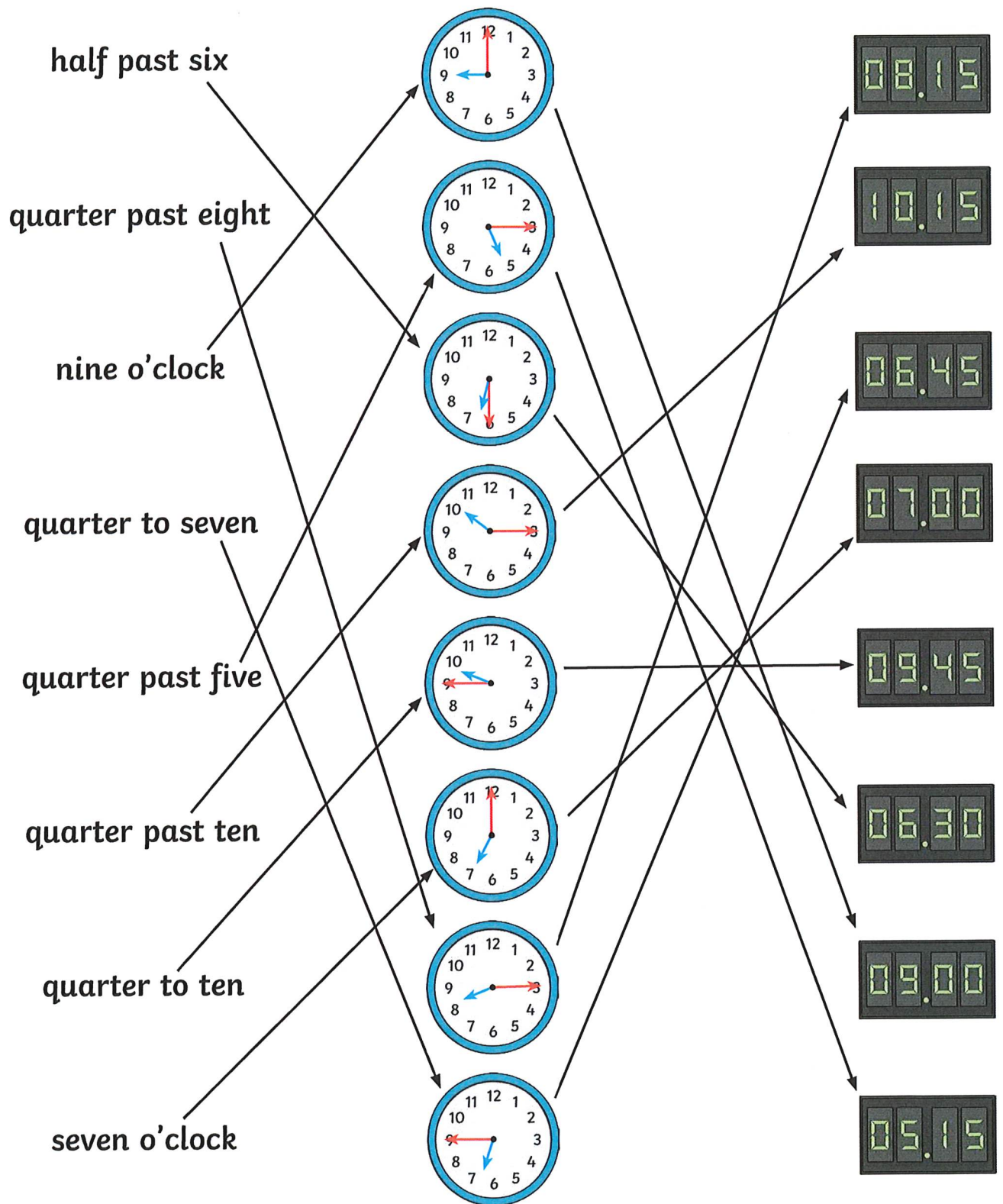
seven o'clock





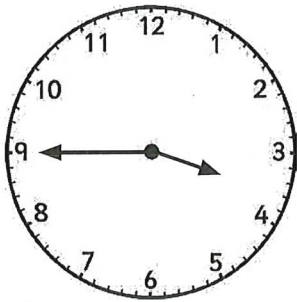
# Digital and Analogue Clocks Answers

Match the different ways of representing the same time.



# Read, Write and Compare the Time: 12-Hour and 24-Hour

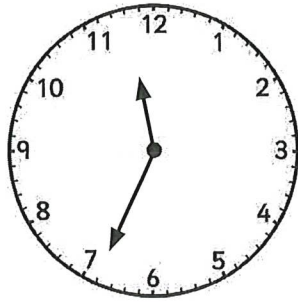
Read the time on these analogue clocks. Write each time in 12-hour and 24-hour formats.



In the morning

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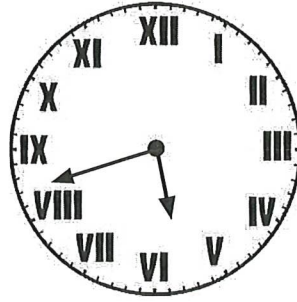
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In the evening

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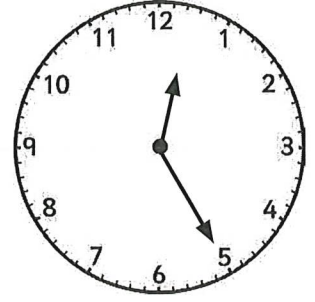
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In the afternoon

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In the early morning

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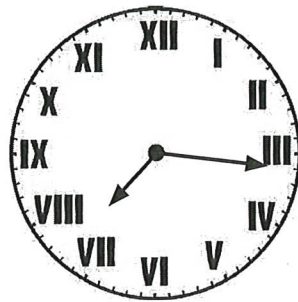
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In the afternoon

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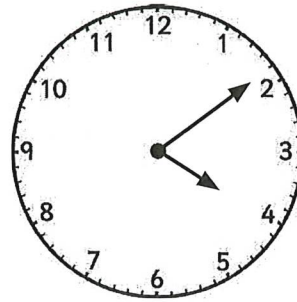
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In the morning

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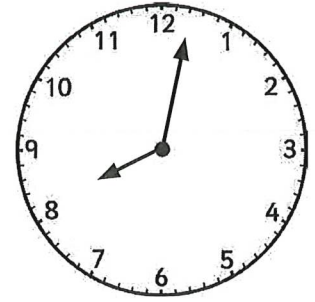
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In the morning

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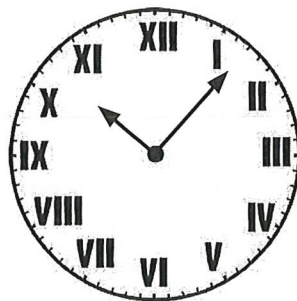
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In the evening

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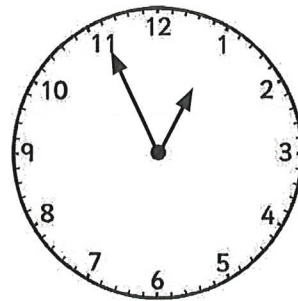
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In the morning

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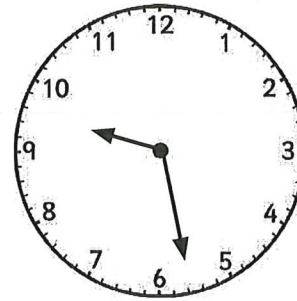
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In the afternoon

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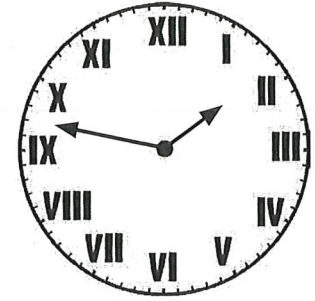
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In the evening

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In the afternoon

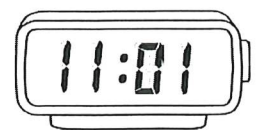
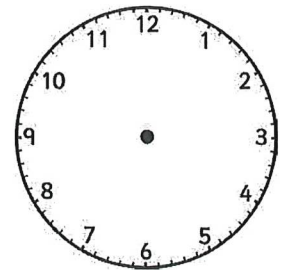
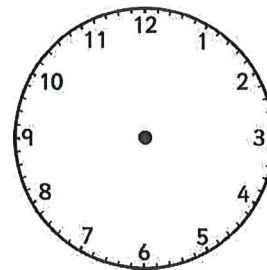
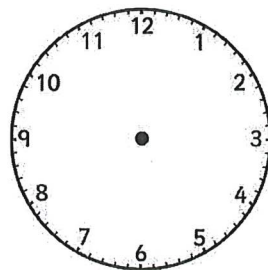
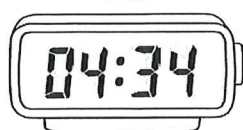
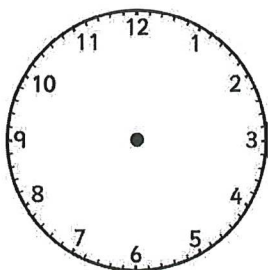
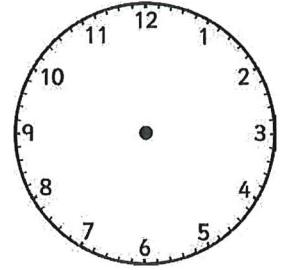
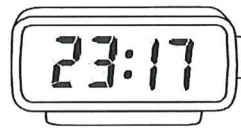
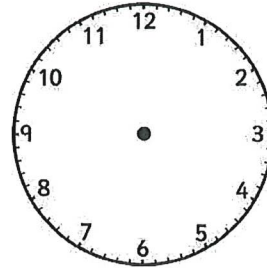
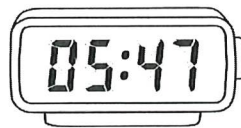
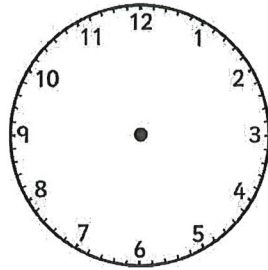
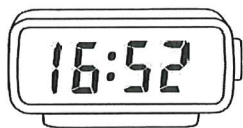
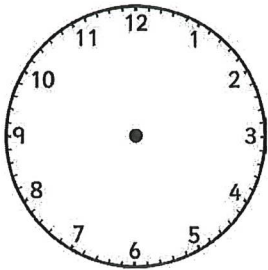
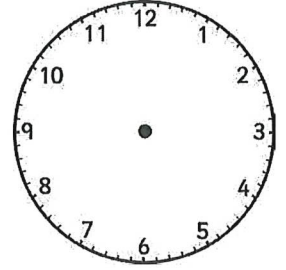
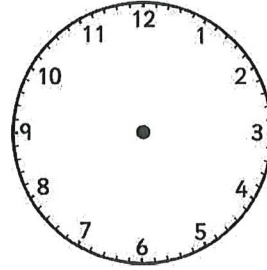
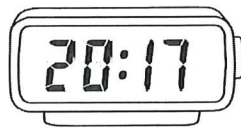
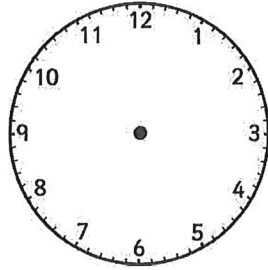
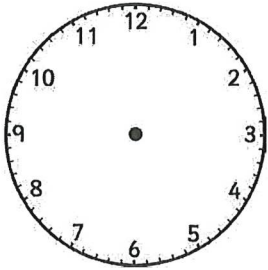
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# Read, Write and Compare the Time:

## Match Analogue to Digital

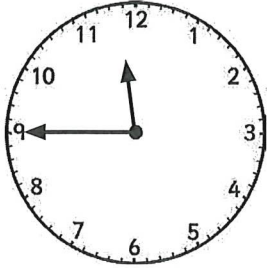
Draw the time on each clock to match the digital time.



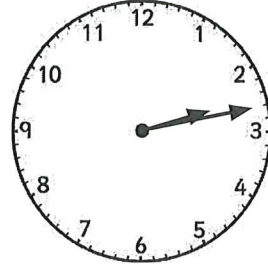


# Compare the Time: Which Is Earlier?

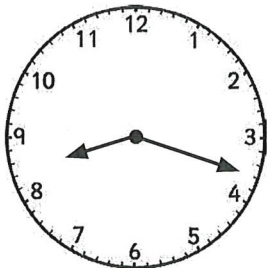
For each pair of clocks, ring the earlier time.



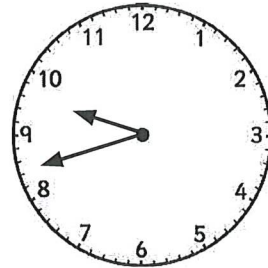
(morning)



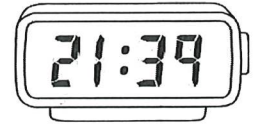
(afternoon)



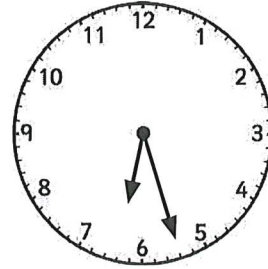
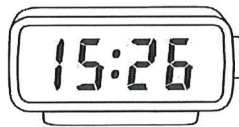
(evening)



(evening)



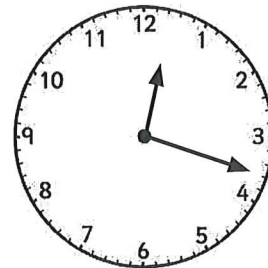
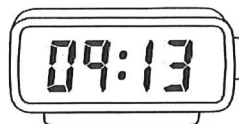
(afternoon)



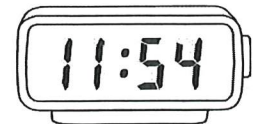
(morning)



(morning)



(afternoon)

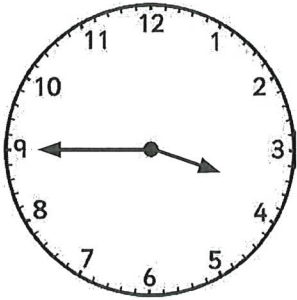




# Read, Write and Compare the Time:

## 12-Hour and 24-Hour Answers

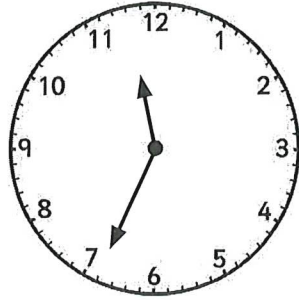
Read the time on these analogue clocks. Write each time in 12-hour and 24-hour formats.



In the morning

**3:45 a.m.**

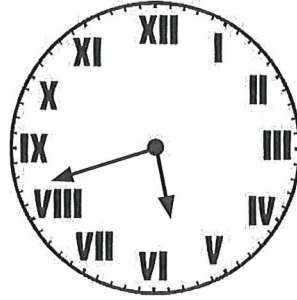
**03:45**



In the evening

**11:34 p.m.**

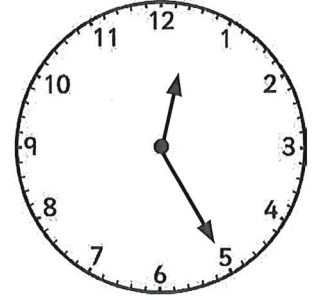
**23:34**



In the afternoon

**5:42 p.m.**

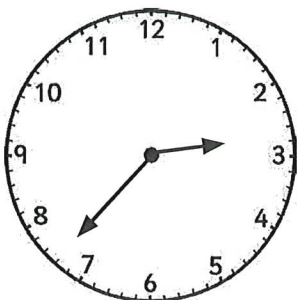
**17:42**



In the early morning

**12:25 a.m.**

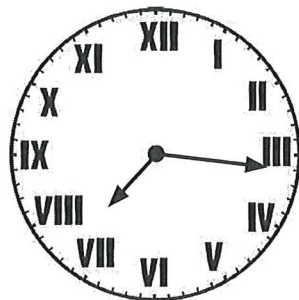
**00:25**



In the afternoon

**2:37 p.m.**

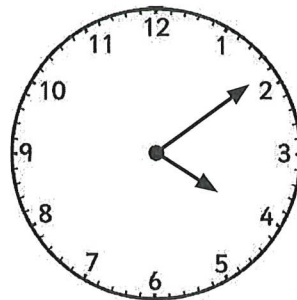
**14:37**



In the morning

**7:16 a.m.**

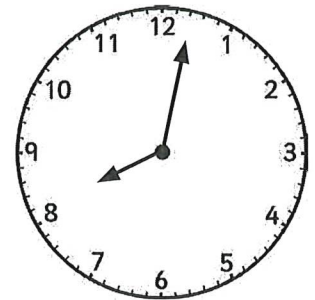
**07:16**



In the morning

**4:09 a.m.**

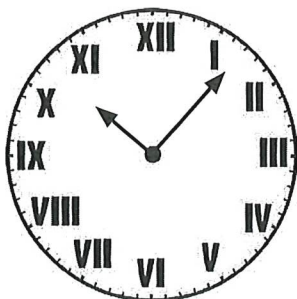
**04:09**



In the evening

**8:02 p.m.**

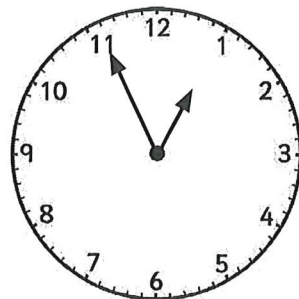
**20:02**



In the morning

**10:07 a.m.**

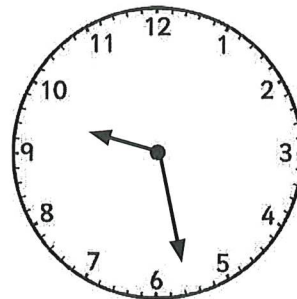
**10:07**



In the afternoon

**12:56 p.m.**

**12:56**



In the evening

**9:28 p.m.**

**21:28**



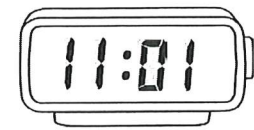
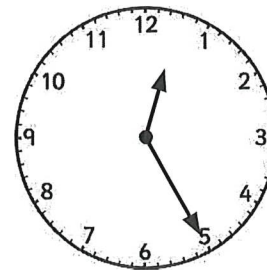
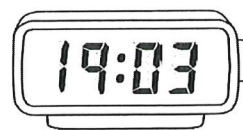
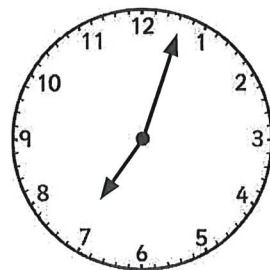
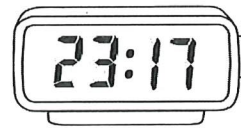
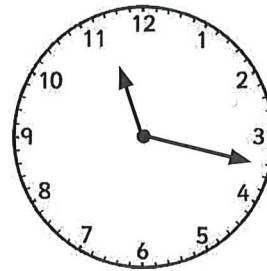
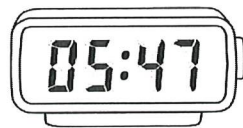
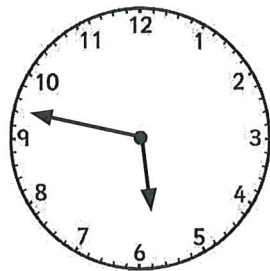
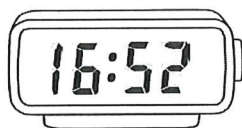
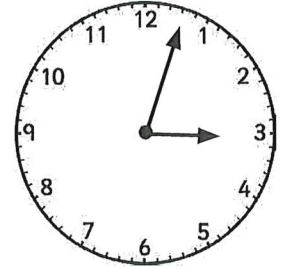
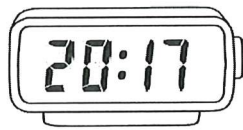
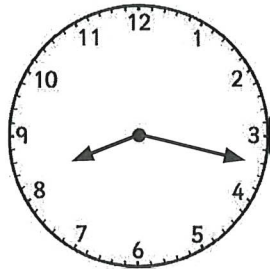
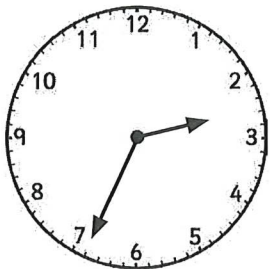
In the afternoon

**1:47 p.m.**

**13:47**

# Read, Write and Compare the Time: Match Analogue to Digital Answers

Draw the time on each clock to match the digital time.

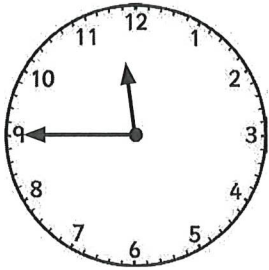




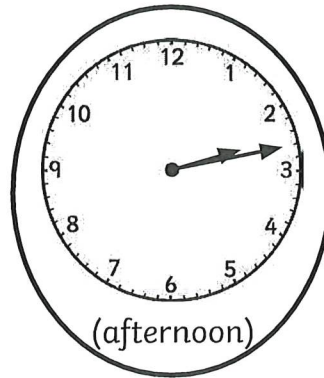
# Compare the Time: Which Is Earlier?

## Answers

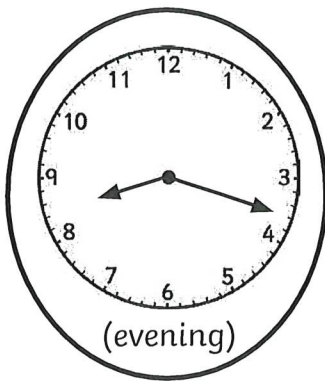
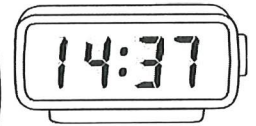
For each pair of clocks, ring the earlier time.



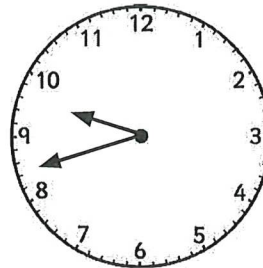
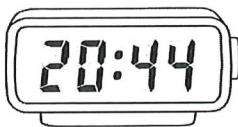
(morning)



(afternoon)



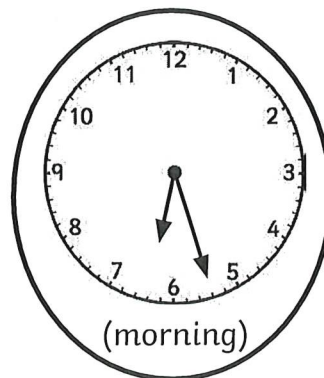
(evening)



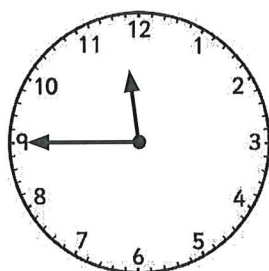
(evening)



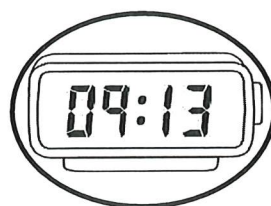
(afternoon)



(morning)



(morning)



(afternoon)



Name: \_\_\_\_\_

Number of Questions: **40**

Testing: **2×, 3×, 4×, 5×, 6×, 7×, 8×, 9×, 10×, 11×, 12× (inverse)**

$66 \div 6 = \underline{\hspace{2cm}}$

$30 \div 6 = \underline{\hspace{2cm}}$

$25 \div 5 = \underline{\hspace{2cm}}$

$77 \div 7 = \underline{\hspace{2cm}}$

$15 \div 5 = \underline{\hspace{2cm}}$

$44 \div 4 = \underline{\hspace{2cm}}$

$6 \div 6 = \underline{\hspace{2cm}}$

$120 \div 12 = \underline{\hspace{2cm}}$

$18 \div 2 = \underline{\hspace{2cm}}$

$90 \div 9 = \underline{\hspace{2cm}}$

$30 \div 3 = \underline{\hspace{2cm}}$

$36 \div 6 = \underline{\hspace{2cm}}$

$64 \div 8 = \underline{\hspace{2cm}}$

$70 \div 10 = \underline{\hspace{2cm}}$

$18 \div 6 = \underline{\hspace{2cm}}$

$60 \div 12 = \underline{\hspace{2cm}}$

$30 \div 10 = \underline{\hspace{2cm}}$

$88 \div 8 = \underline{\hspace{2cm}}$

$54 \div 9 = \underline{\hspace{2cm}}$

$12 \div 12 = \underline{\hspace{2cm}}$

$20 \div 4 = \underline{\hspace{2cm}}$

$49 \div 7 = \underline{\hspace{2cm}}$

$12 \div 2 = \underline{\hspace{2cm}}$

$56 \div 8 = \underline{\hspace{2cm}}$

$9 \div 9 = \underline{\hspace{2cm}}$

$4 \div 2 = \underline{\hspace{2cm}}$

$48 \div 4 = \underline{\hspace{2cm}}$

$88 \div 11 = \underline{\hspace{2cm}}$

$21 \div 3 = \underline{\hspace{2cm}}$

$66 \div 11 = \underline{\hspace{2cm}}$

$120 \div 10 = \underline{\hspace{2cm}}$

$132 \div 12 = \underline{\hspace{2cm}}$

$30 \div 5 = \underline{\hspace{2cm}}$

$36 \div 3 = \underline{\hspace{2cm}}$

$56 \div 7 = \underline{\hspace{2cm}}$

$54 \div 6 = \underline{\hspace{2cm}}$

$16 \div 2 = \underline{\hspace{2cm}}$

$42 \div 7 = \underline{\hspace{2cm}}$

$99 \div 11 = \underline{\hspace{2cm}}$

$35 \div 7 = \underline{\hspace{2cm}}$



Name: \_\_\_\_\_

Number of Questions: **40**

Testing: **2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x, 11x, 12x** (with **inverse**)

$4 \times 6 = \underline{\hspace{2cm}}$

$7 \times 5 = \underline{\hspace{2cm}}$

$7 \times 7 = \underline{\hspace{2cm}}$

$5 \times 2 = \underline{\hspace{2cm}}$

$3 \times 12 = \underline{\hspace{2cm}}$

$4 \times 5 = \underline{\hspace{2cm}}$

$7 \times 2 = \underline{\hspace{2cm}}$

$9 \times 6 = \underline{\hspace{2cm}}$

$6 \times 10 = \underline{\hspace{2cm}}$

$11 \times 2 = \underline{\hspace{2cm}}$

$144 \div 12 = \underline{\hspace{2cm}}$

$2 \times 8 = \underline{\hspace{2cm}}$

$3 \times 10 = \underline{\hspace{2cm}}$

$18 \div 9 = \underline{\hspace{2cm}}$

$9 \times 3 = \underline{\hspace{2cm}}$

$6 \div 3 = \underline{\hspace{2cm}}$

$2 \div 2 = \underline{\hspace{2cm}}$

$10 \div 10 = \underline{\hspace{2cm}}$

$70 \div 10 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$6 \times 11 = \underline{\hspace{2cm}}$

$10 \times 11 = \underline{\hspace{2cm}}$

$12 \times 9 = \underline{\hspace{2cm}}$

$35 \div 5 = \underline{\hspace{2cm}}$

$60 \div 12 = \underline{\hspace{2cm}}$

$6 \times 4 = \underline{\hspace{2cm}}$

$10 \times 2 = \underline{\hspace{2cm}}$

$10 \times 12 = \underline{\hspace{2cm}}$

$12 \times 2 = \underline{\hspace{2cm}}$

$9 \times 2 = \underline{\hspace{2cm}}$

$2 \times 11 = \underline{\hspace{2cm}}$

$8 \times 4 = \underline{\hspace{2cm}}$

$4 \times 10 = \underline{\hspace{2cm}}$

$11 \times 3 = \underline{\hspace{2cm}}$

$7 \times 8 = \underline{\hspace{2cm}}$

$12 \times 8 = \underline{\hspace{2cm}}$

$7 \times 6 = \underline{\hspace{2cm}}$

$8 \times 2 = \underline{\hspace{2cm}}$

$48 \div 4 = \underline{\hspace{2cm}}$

$6 \times 7 = \underline{\hspace{2cm}}$