

MATHS WIZARD

Time



TEACH
YOUR
CHILDREN
WELL

Paul Mason

Karen Mason



TEACH YOUR CHILDREN WELL

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Published by:
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Sample Booklet

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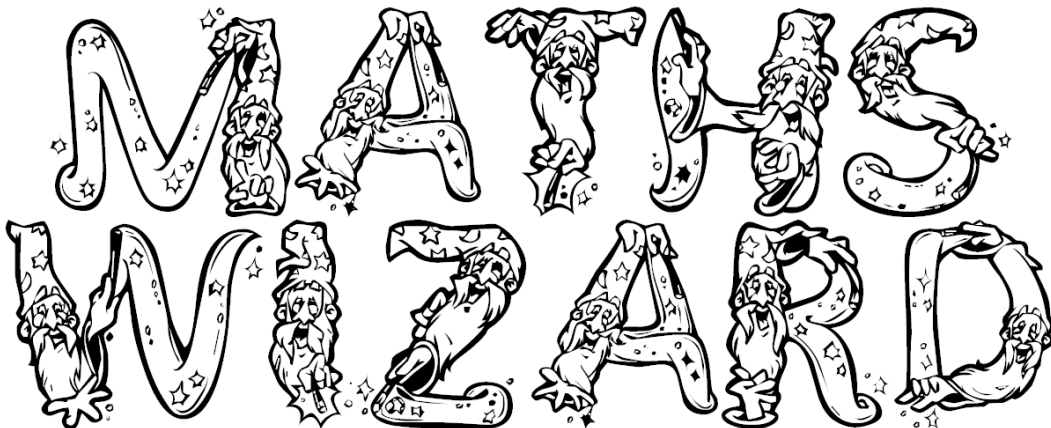
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This booklet is part of the



Series

Time

Maths Wizard



Pre-test 1 and Post-test 1	Clocks to the hour (O'clock)
Pre-test 2 and Post-test 2	Clocks to 30 min
Pre-test 3 and Post-test 3	Clocks to 15 min
Pre-test 4 and Post-test 4	Clocks to 10 min
Pre-test 5 and Post-test 5	Clocks to 5 min
Pre-test 6 and Post-test 6	Clocks to 1 min
	<u>What time WILL IT BE / WAS IT -</u>
Pre-test 1 and Post-test 1	Whole hour and half hours
Pre-test 2 and Post-test 2	Differences to 10 min
Pre-test 3 and Post-test 3	Differences using hours and minutes

Clocks 1 - 6	Focusing on O'clock times
Clocks 7 - 12	Focusing on 30 min intervals
Clocks 13 - 18	Focusing on 15 min intervals
Clocks 19 - 24	Focusing on 10 min intervals
Clocks 25 - 30	Focusing on 5 min intervals
Clocks 31 - 36	Focusing on 1 min intervals
Clocks 37 - 42	Difference between times in 30 min
Clocks 43 - 48	Difference between times in 10 min
Clocks 49 - 54	Difference between times in 1 min

Outcomes

- Understanding how to convert times between digital and analog clocks
- Calculating differences in time between two given times



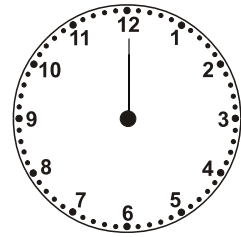
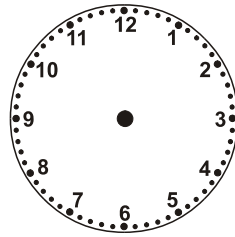
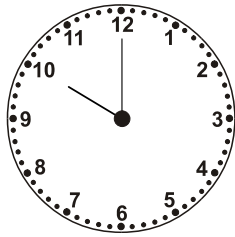
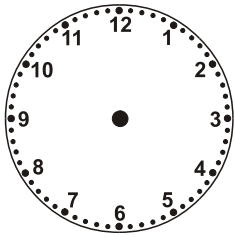
Name: _____

Date: _____

Mixed Clocks - Pre-test 1 (O'Clock)

Why didn't the ocean say hello? Because it waves.

Are we there yet? How much longer? I'm bored!

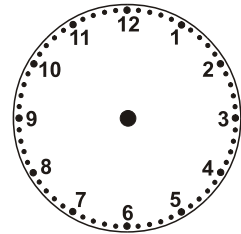
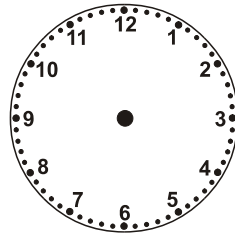
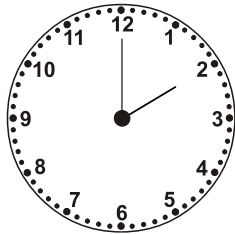
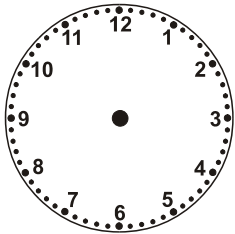


① 1:00 _____

② _____

③ 11:00 _____

④ _____

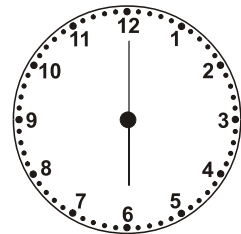
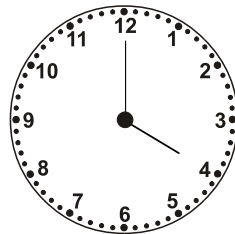
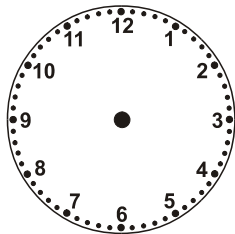
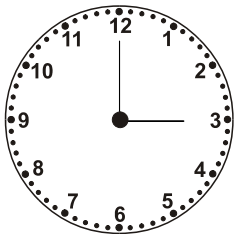


⑤ 9:00 _____

⑥ _____

⑦ 5:00 _____

⑧ 8:00 _____

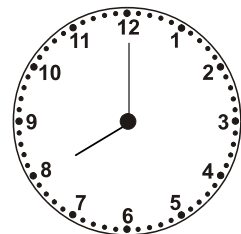
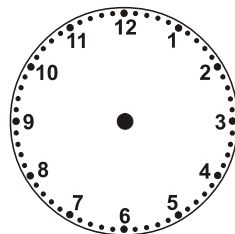
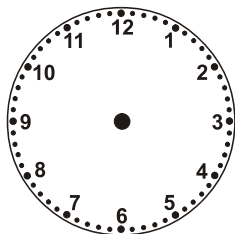
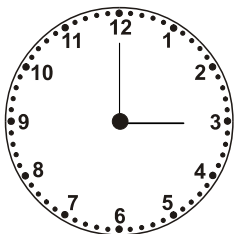


⑨ _____

⑩ 7:00 _____

⑪ _____

⑫ _____

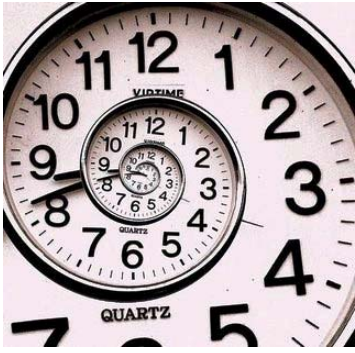


⑬ _____

⑭ 2:00 _____

⑮ 11:00 _____

⑯ _____



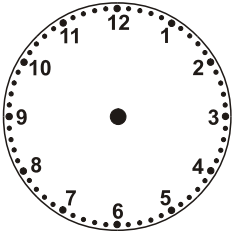
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Date: _____

Mixed Clocks - Pre-test 2 (Half past)

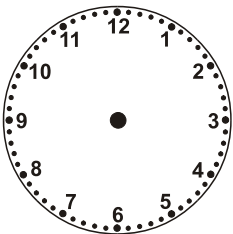
What is a history teacher's favourite fruit? Dates!

Are we there yet? How much longer? I'm bored!



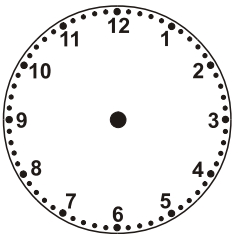
①

11:00



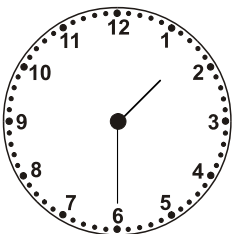
⑤

10:00

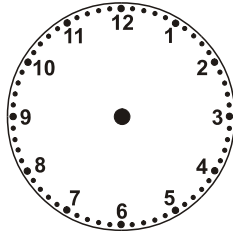


⑨

11:30

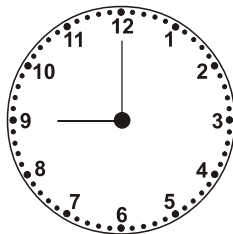


⑬

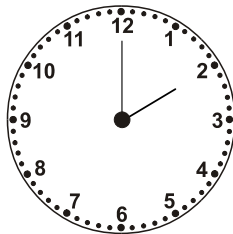


②

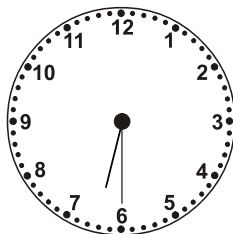
6:00



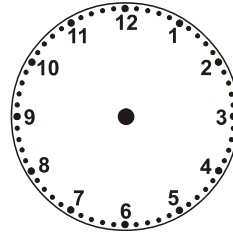
⑥



⑩

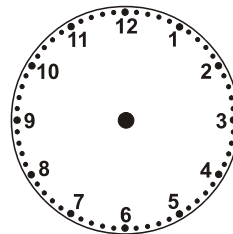


⑭



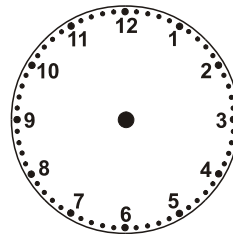
③

12:00



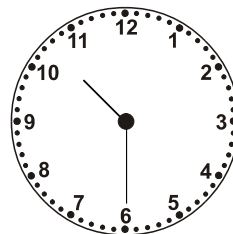
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5:30

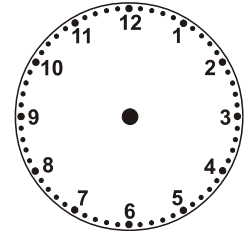


⑪

4:30

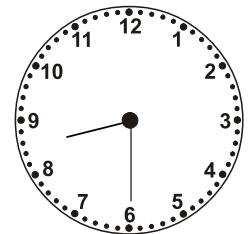


⑮



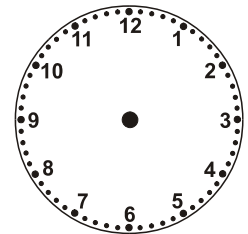
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3:00



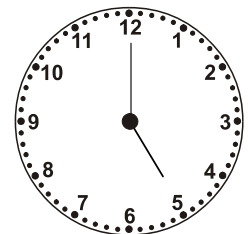
⑧

8:00



⑫

8:00



⑯



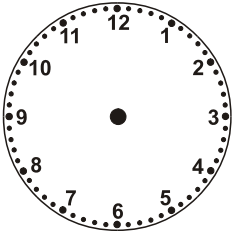
Name: _____

Date: _____

Mixed Clocks - Pre-test 3 (15 min)

Why did the frog go to the hospital? To keep from croaking!

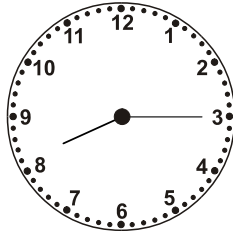
Are we there yet? How much longer? I'm bored!



①

2:30

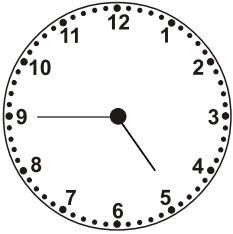
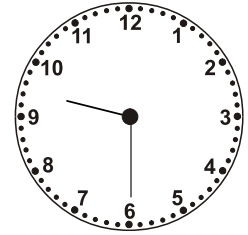
②



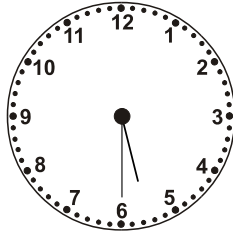
③

9:45

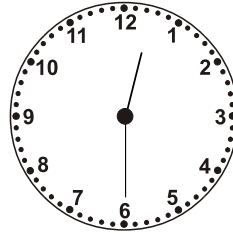
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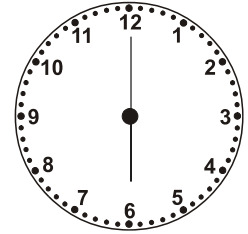
⑤



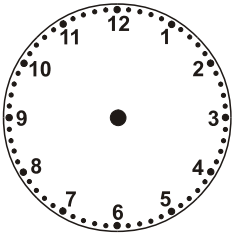
⑥



⑦



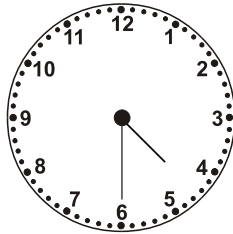
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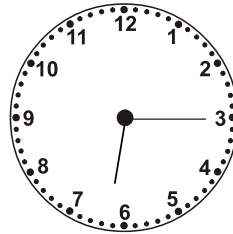
⑨

6:45

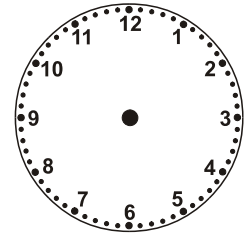
⑩



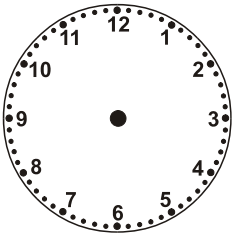
⑪



⑫



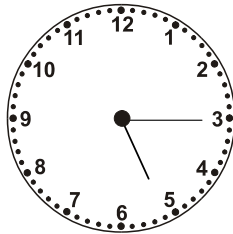
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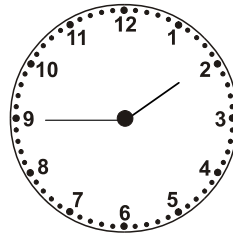
⑬

11:45

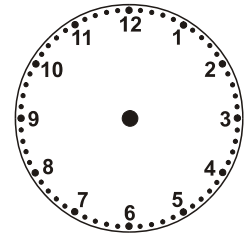
⑭



⑮



⑯



6:30



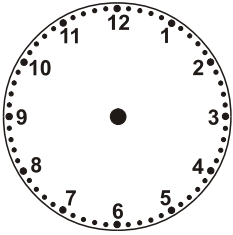
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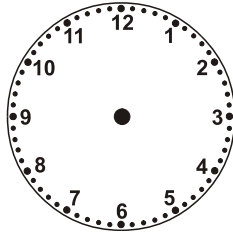
Mixed Clocks - Pre-test 4 (10 min)

How did the praying mantis uncover the caterpillar's secret plans? She bugged his phone.

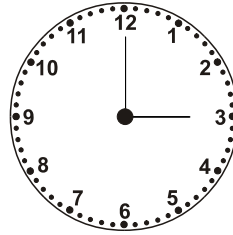
Are we there yet? How much longer? I'm bored!



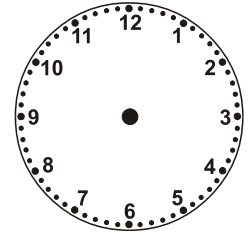
① 9:30



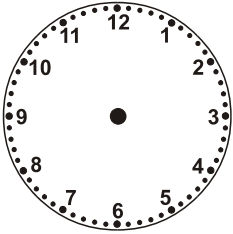
② 6:50



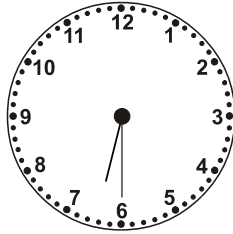
③ _____



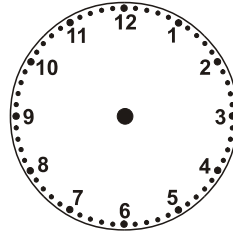
④ 8:40



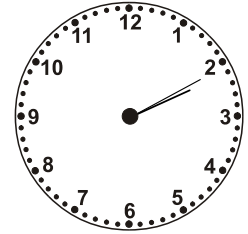
⑤ 4:00



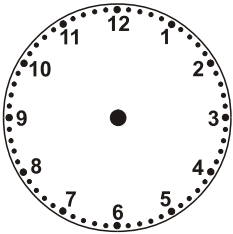
⑥ _____



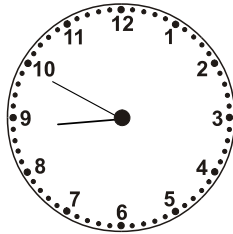
⑦ 9:50



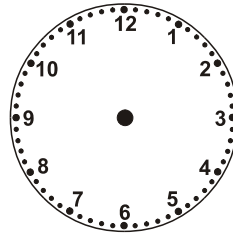
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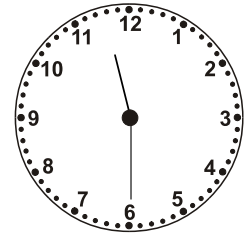
⑨ 9:10



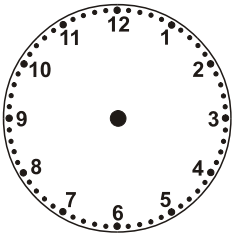
⑩ _____



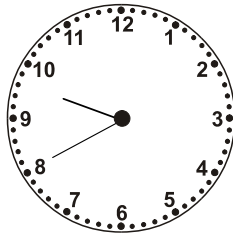
⑪ 5:20



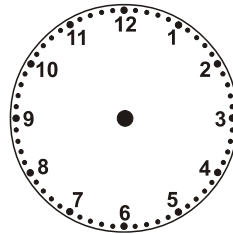
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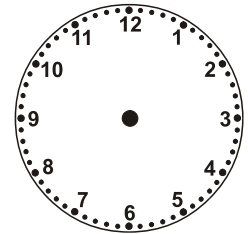
⑬ 2:40



⑭ _____



⑮ 3:50



⑯ 1:50



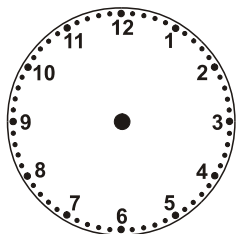
Name: _____

Date: _____

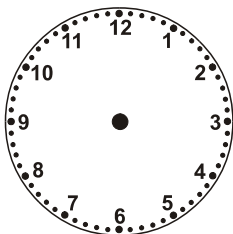
Mixed Clocks - Pre-test 5 (5 min)

Why do bees have sticky hair? Because they have honey combs!

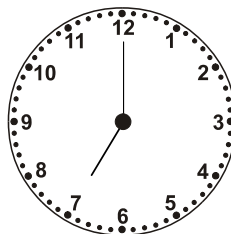
Are we there yet? How much longer? I'm bored!



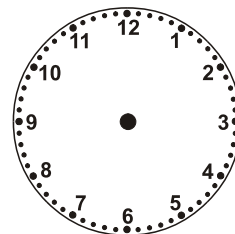
① 12:30 _____



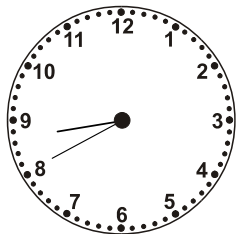
② 5:10 _____



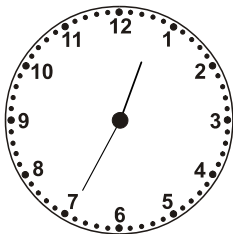
③ _____



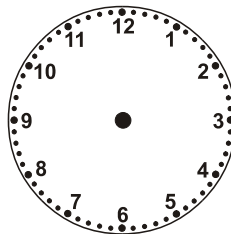
④ 7:05 _____



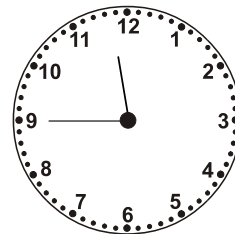
⑤ _____



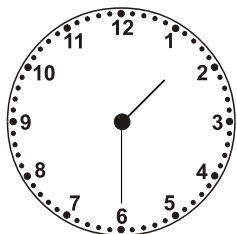
⑥ _____



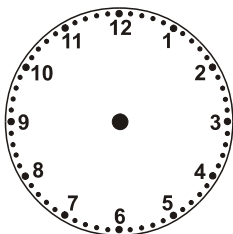
⑦ 9:55 _____



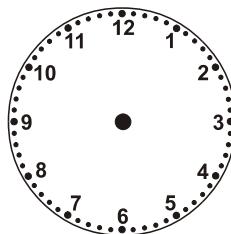
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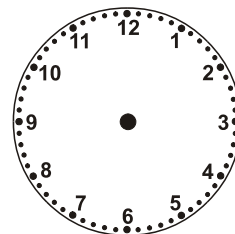
⑨ _____



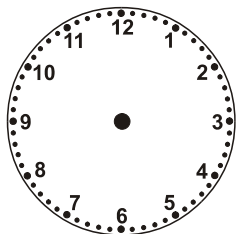
⑩ 12:20 _____



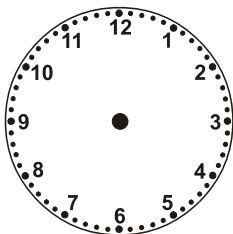
⑪ 9:30 _____



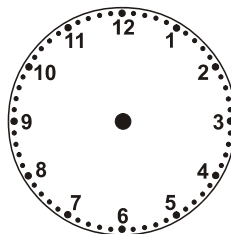
⑫ 11:10 _____



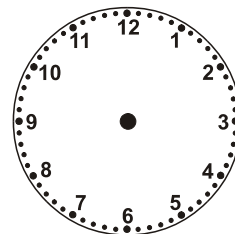
⑬ 12:10 _____



⑭ 4:15 _____



⑮ 2:25 _____



⑯ 6:50 _____



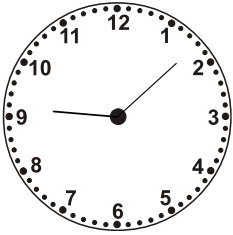
Name: _____

Date: _____

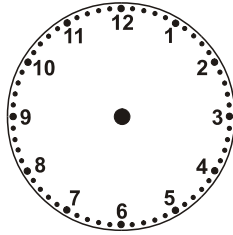
Mixed Clocks - Pre-test 6 (1 min)

How do you tell which end of a worm is the head? Tickle it in the middle and see which end laughs!

Are we there yet? How much longer? I'm bored!

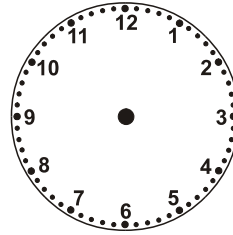


①



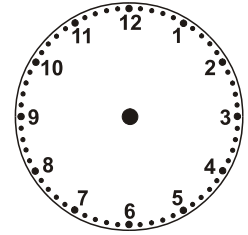
②

4:43



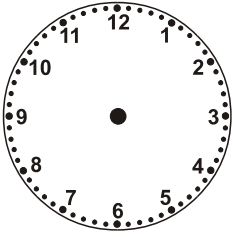
③

12:57



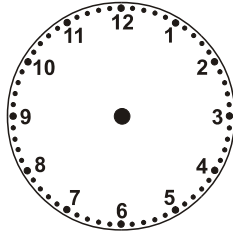
④

2:26



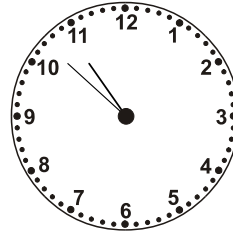
⑤

8:33

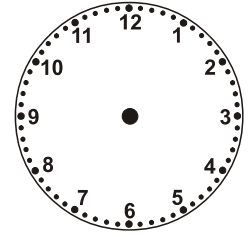


⑥

12:20

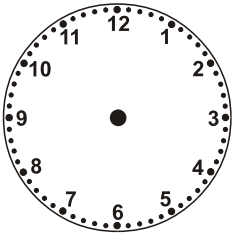


⑦



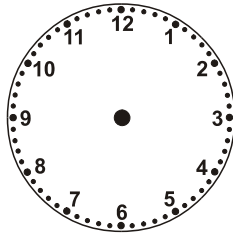
⑧

6:59



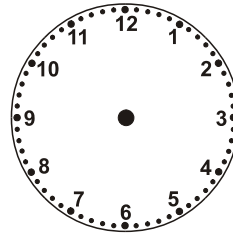
⑨

7:59



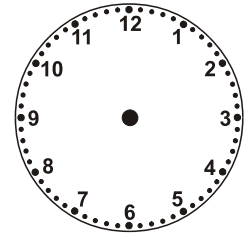
⑩

3:15



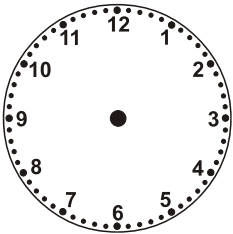
⑪

7:52



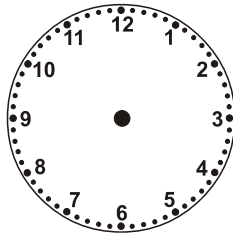
⑫

3:41



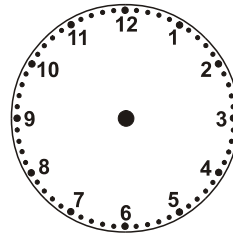
⑬

1:04



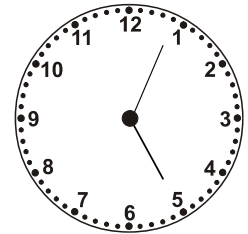
⑭

3:47



⑮

11:23



⑯



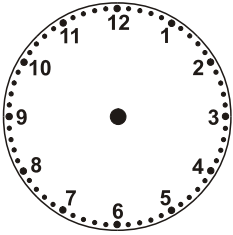
Name: _____

Date: _____

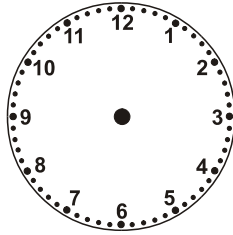
Digital to Analog - No: 2 (O'Clock)

What does a cow read every morning? A Moospaper!

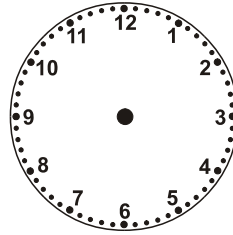
DRAW the hour hand and the minute hand on each clock.



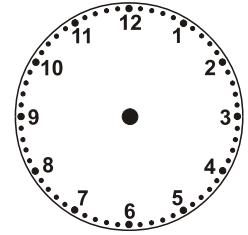
① 2:00 _____



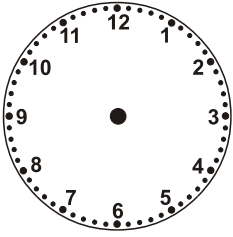
② 1:00 _____



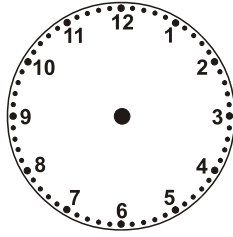
③ 9:00 _____



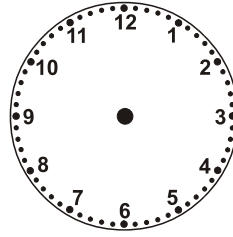
④ 8:00 _____



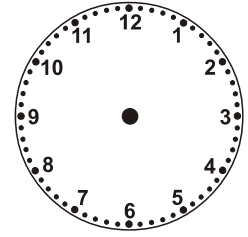
⑤ 6:00 _____



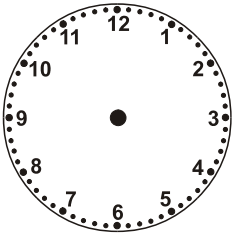
⑥ 5:00 _____



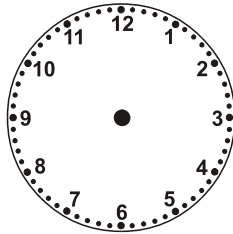
⑦ 4:00 _____



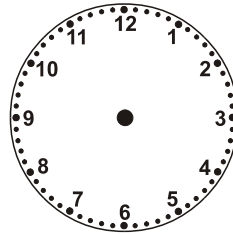
⑧ 3:00 _____



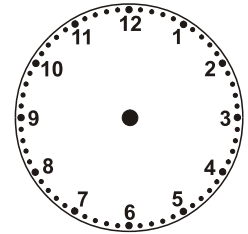
⑨ 11:00 _____



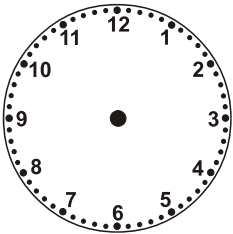
⑩ 7:00 _____



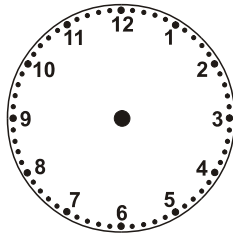
⑪ 12:00 _____



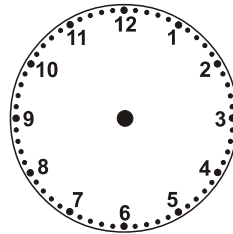
⑫ 10:00 _____



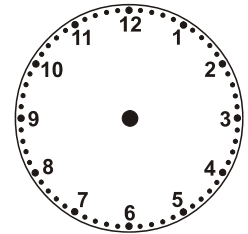
⑬ 2:00 _____



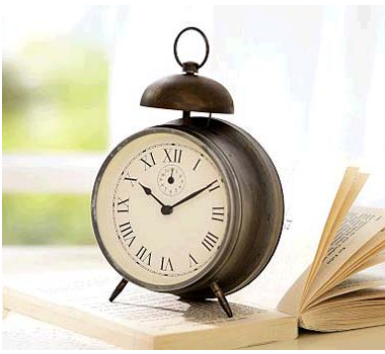
⑭ 7:00 _____



⑮ 1:00 _____



⑯ 7:00 _____



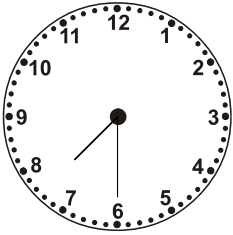
Name: _____

Date: _____

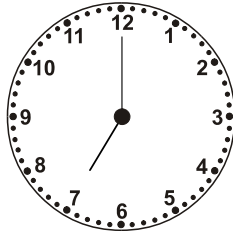
Analog to Digital - No: 9 (Half Hour)

How did the praying mantis uncover the caterpillar's secret plans? She bugged his phone.

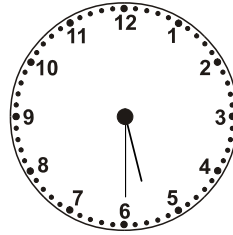
WRITE down the time in digital form.



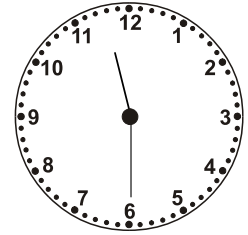
① _____



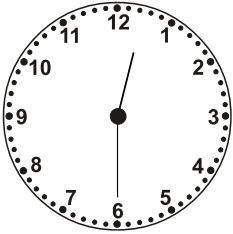
② _____



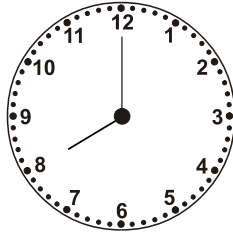
③ _____



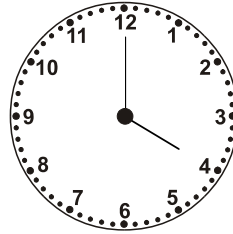
④ _____



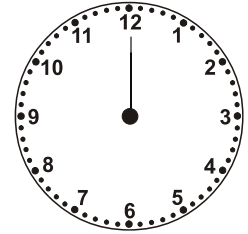
⑤ _____



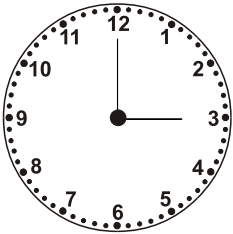
⑥ _____



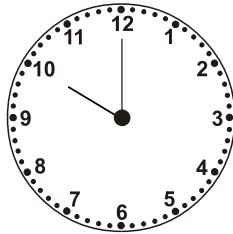
⑦ _____



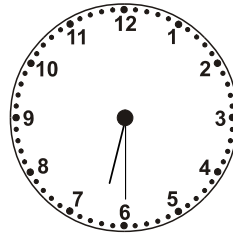
⑧ _____



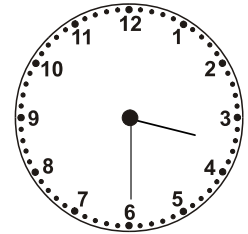
⑨ _____



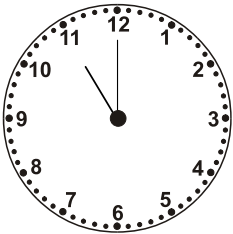
⑩ _____



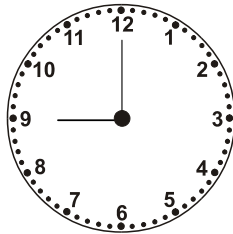
⑪ _____



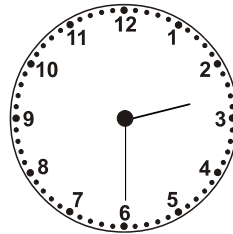
⑫ _____



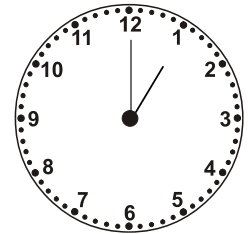
⑬ _____



⑭ _____



⑮ _____



⑯ _____

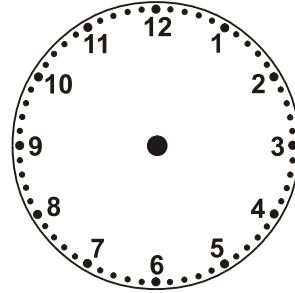
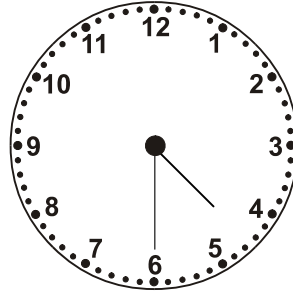
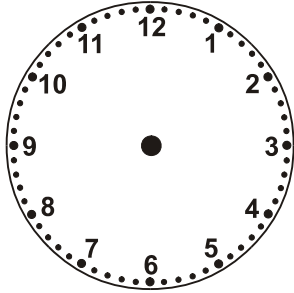
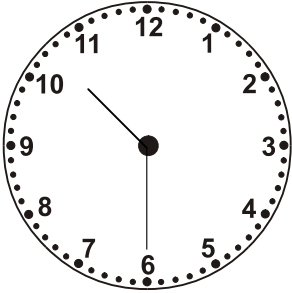


Name: _____

Date: _____

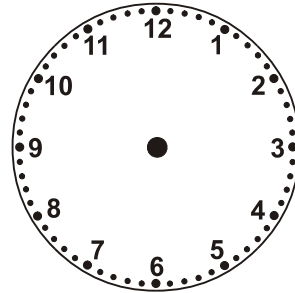
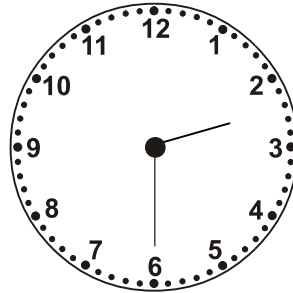
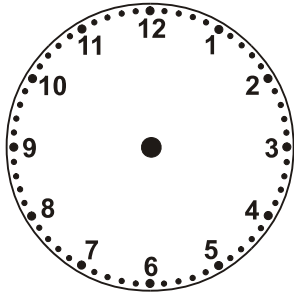
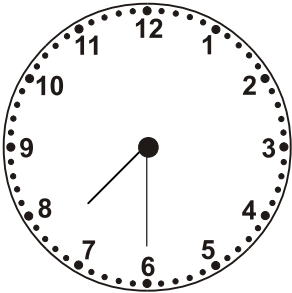
What time? Pre Test 1 (30/60 min)

Why was six afraid of seven? Because seven, eight, nine!



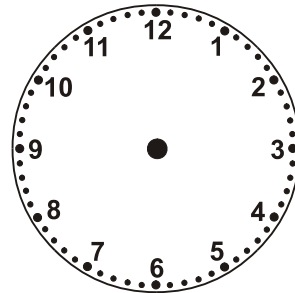
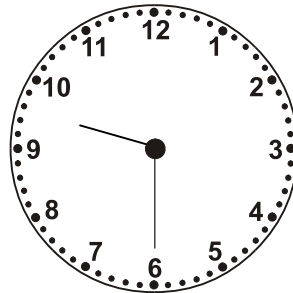
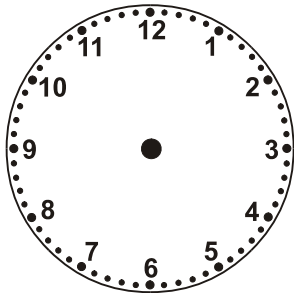
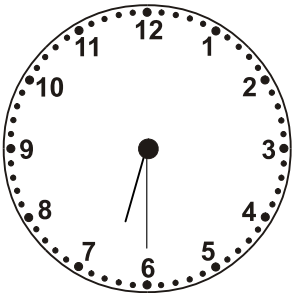
① What time will it be in 6 hr 30 min ?

② What time will it be in 10 hr ?



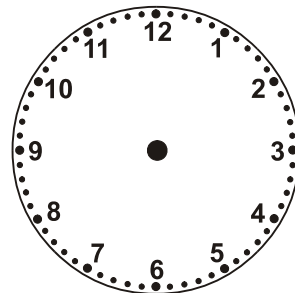
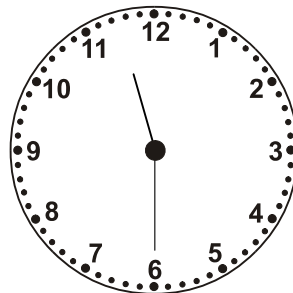
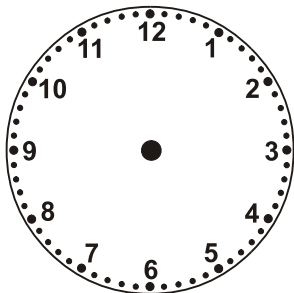
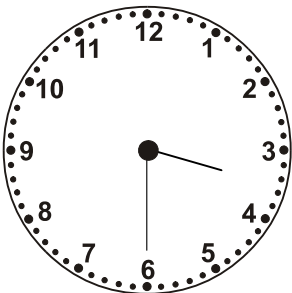
③ What time will it be in 9 hr ?

④ What time was it 4 hr ago?



⑤ What time will it be in 8 hr 30 min ?

⑥ What time will it be in 3 hr 30 min ?



⑦ What time will it be in 2 hr ?

⑧ What time will it be in 7 hr 30 min ?

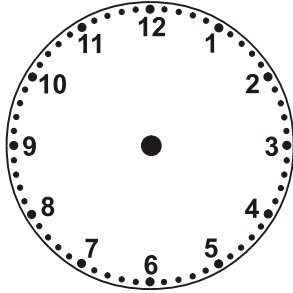
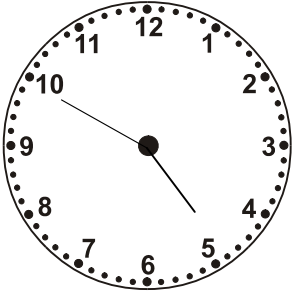


Name: _____

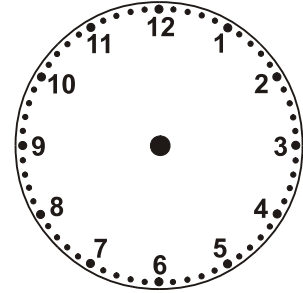
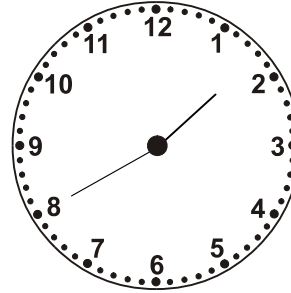
Date: _____

What time? Pre Test 2 (10 min)

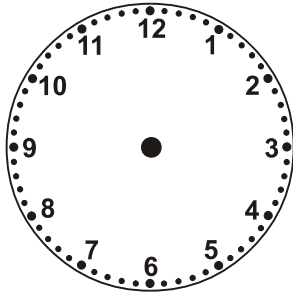
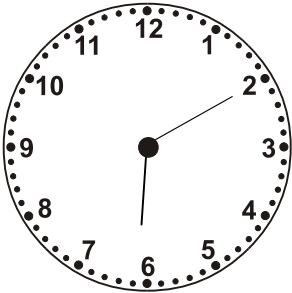
How do you stop rabbits digging up your garden? Easy - take their spades away!



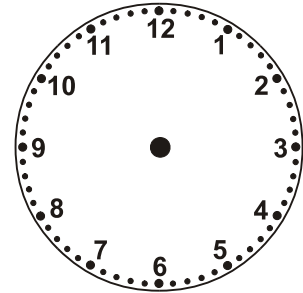
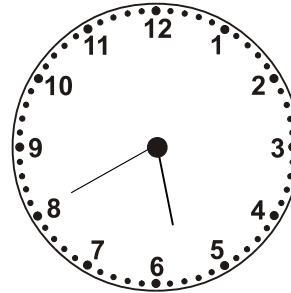
① What time was it 11 hr 50 min ago?



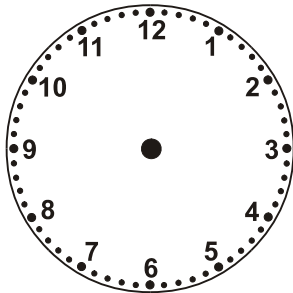
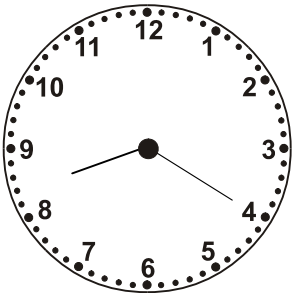
② What time will it be in 2 hr 30 min ?



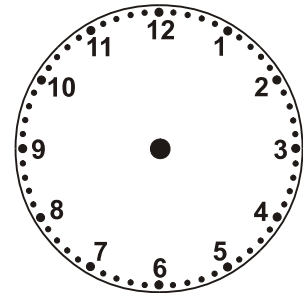
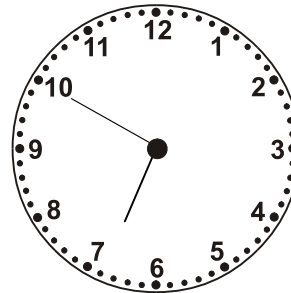
③ What time was it 4 hr 50 min ago?



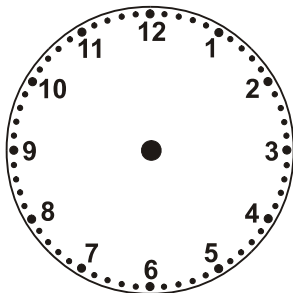
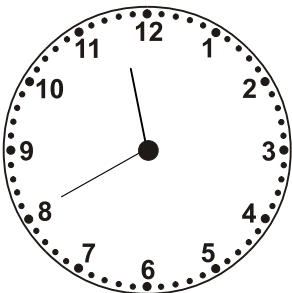
④ What time will it be in 10 hr ?



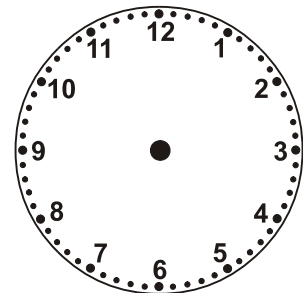
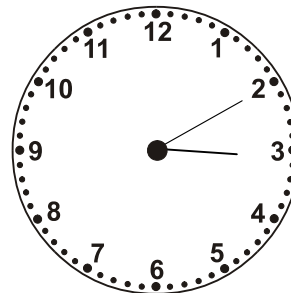
⑤ What time was it 5 hr 40 min ago?



⑥ What time was it 8 hr ago?



⑦ What time was it 7 hr ago?



⑧ What time was it 3 hr 30 min ago?

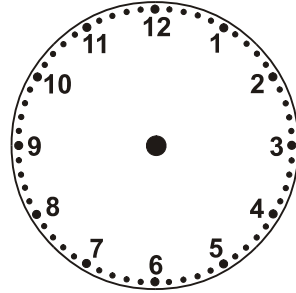
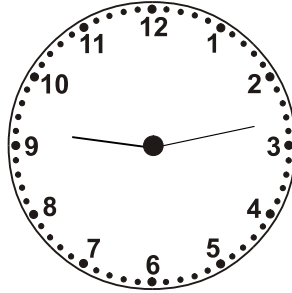
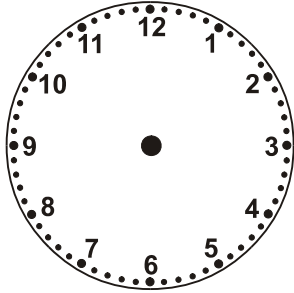
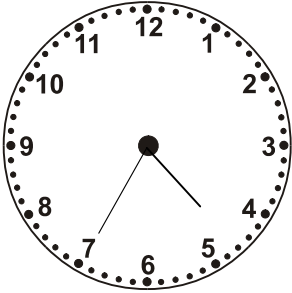


Name: _____

Date: _____

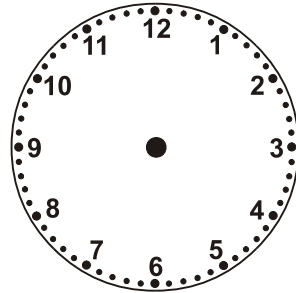
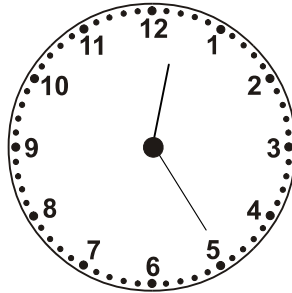
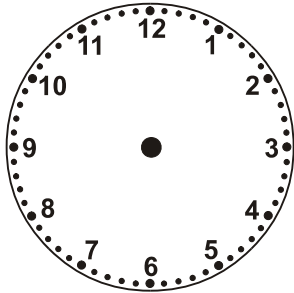
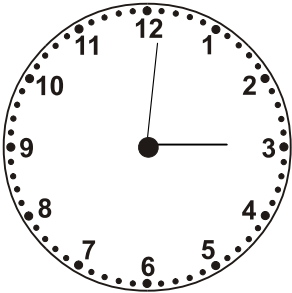
What time? Pre Test 3 (1 min)

What does a cow read every morning? A Moospaper!



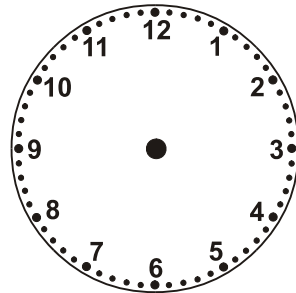
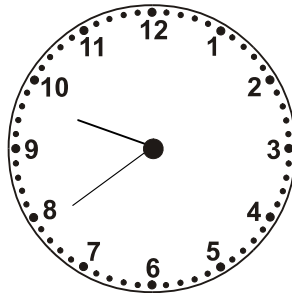
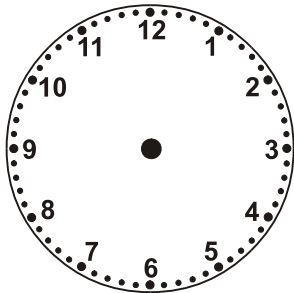
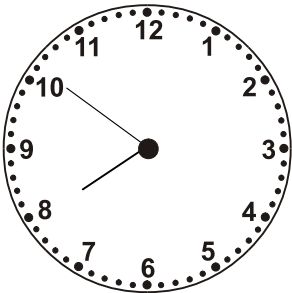
① What time will it be in 7 hr 8 min ?

② What time was it 8 hr 39 min ago?



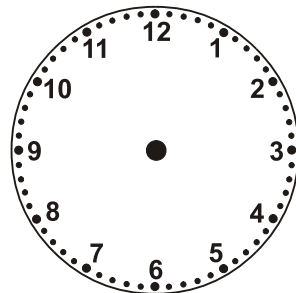
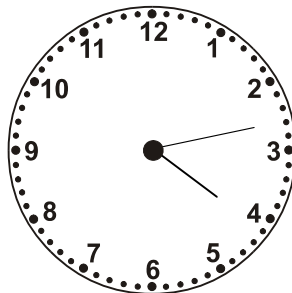
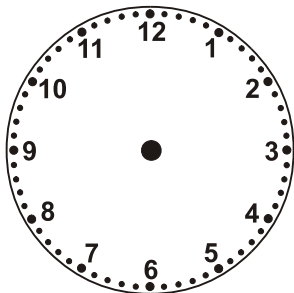
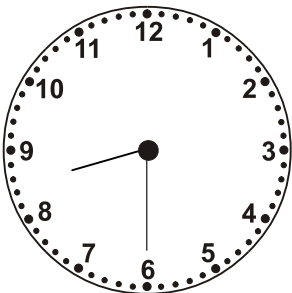
③ What time will it be in 3 hr 59 min ?

④ What time will it be in 6 hr 15 min ?



⑤ What time will it be in 10 hr 54 min ?

⑥ What time was it 11 hr 4 min ago?



⑦ What time was it 5 hr 55 min ago?

⑧ What time will it be in 4 hr 14 min ?

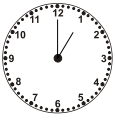


Name: _____ Date: _____

Mixed Clocks - Pre-test 1 (O'Clock)

Why didn't the ocean say hello? Because it waves.

Are we there yet? How much longer? I'm bored!



① 1:00 ② 10:00 ③ 11:00 ④ 12:00



⑤ 9:00 ⑥ 2:00 ⑦ 5:00 ⑧ 8:00



⑨ 3:00 ⑩ 7:00 ⑪ 4:00 ⑫ 6:00



⑬ 3:00 ⑭ 2:00 ⑮ 11:00 ⑯ 8:00

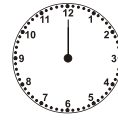
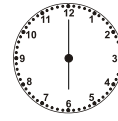


Name: _____ Date: _____

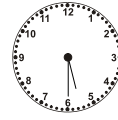
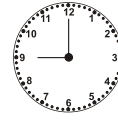
Mixed Clocks - Pre-test 2 (Half past)

What is a history teacher's favourite fruit? Dates!

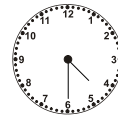
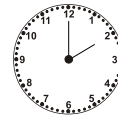
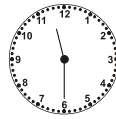
Are we there yet? How much longer? I'm bored!



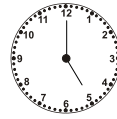
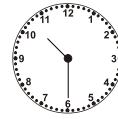
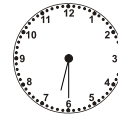
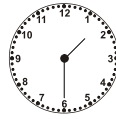
① 11:00 ② 6:00 ③ 12:00 ④ 3:00



⑤ 10:00 ⑥ 9:00 ⑦ 5:30 ⑧ 8:30



⑨ 11:30 ⑩ 2:00 ⑪ 4:30 ⑫ 8:00



⑬ 1:30 ⑭ 6:30 ⑮ 10:30 ⑯ 5:00

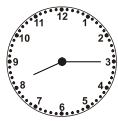


Name: _____ Date: _____

Mixed Clocks - Pre-test 3 (15 min)

Why did the frog go to the hospital? To keep from croaking!

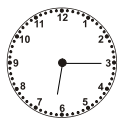
Are we there yet? How much longer? I'm bored!



① 2:30 ② 8:15 ③ 9:45 ④ 9:30



⑤ 4:45 ⑥ 5:30 ⑦ 12:30 ⑧ 6:00



⑨ 6:45 ⑩ 4:30 ⑪ 6:15 ⑫ 10:45



⑬ 11:45 ⑭ 5:15 ⑮ 1:45 ⑯ 6:30

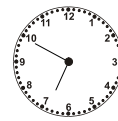


Name: _____ Date: _____

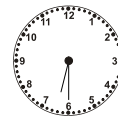
Mixed Clocks - Pre-test 4 (10 min)

How did the praying mantis uncover the caterpillar's secret plans? She bugged his phone.

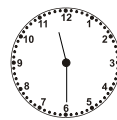
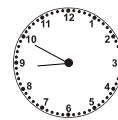
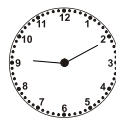
Are we there yet? How much longer? I'm bored!



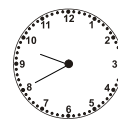
① 9:30 ② 6:50 ③ 3:00 ④ 8:40



⑤ 4:00 ⑥ 6:30 ⑦ 9:50 ⑧ 2:10



⑨ 9:10 ⑩ 8:50 ⑪ 5:20 ⑫ 11:30



⑬ 2:40 ⑭ 9:40 ⑮ 3:50 ⑯ 1:50

Name: _____



Clocks - Scores

	Score		Score		Score
Pre-test 1		Worksheet 13		Worksheet 31	
Pre-test 2		Worksheet 14		Worksheet 32	
Pre-test 3		Worksheet 15		Worksheet 33	
Pre-test 4		Worksheet 16		Worksheet 34	
Pre-test 5		Worksheet 17		Worksheet 35	
Pre-test 6		Worksheet 18		Worksheet 36	
Worksheet 1		Worksheet 19			
Worksheet 2		Worksheet 20		Post-test 1	
Worksheet 3		Worksheet 21		Post-test 2	
Worksheet 4		Worksheet 22		Post-test 3	
Worksheet 5		Worksheet 23		Post-test 4	
Worksheet 6		Worksheet 24		Post-test 5	
Worksheet 7		Worksheet 25		Post-test 6	
Worksheet 8		Worksheet 26			
Worksheet 9		Worksheet 27			
Worksheet 10		Worksheet 28			
Worksheet 11		Worksheet 29			
Worksheet 12		Worksheet 30			

Name: _____



What Time? - Scores

	Score		Score		Score
Pre-test 1		Worksheet 50			
Pre-test 2		Worksheet 51			
Pre-test 3		Worksheet 52			
		Worksheet 53			
		Worksheet 54			
Worksheet 37		Post-test 1			
Worksheet 38		Post-test 2			
Worksheet 39		Post-test 3			
Worksheet 41					
Worksheet 42					
Worksheet 43					
Worksheet 44					
Worksheet 45					
Worksheet 46					
Worksheet 47					
Worksheet 48					
Worksheet 49					