

Independent Recap

Measurement
Week 12

Year 1

Arithmetic

1. 1 less than 10

2. $10 + 10$

3. $? = 9 - 3$

4. ? is double 9

Practice: Time to the Hour

5. Match the clocks to the times.



7 o'clock



3 o'clock



9 o'clock

6. Complete the sentences.

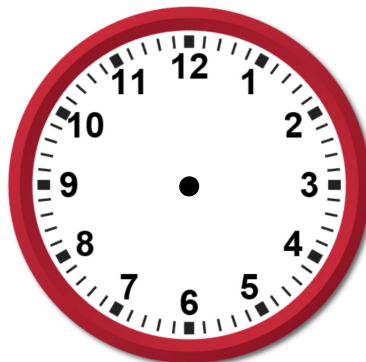


The time is o'clock.



The time is o'clock.

7. Draw the hands on the clock to show 5 o'clock.



You might want to talk to an adult



Use resources to help you



Spot the mistake

8. Complete the pattern.

1 o'clock, 2 o'clock, o'clock, 4 o'clock, o'clock.

9. This clock is missing a minute hand.

Explain how you can work out what time is being shown.



10. The time is 12 o'clock.

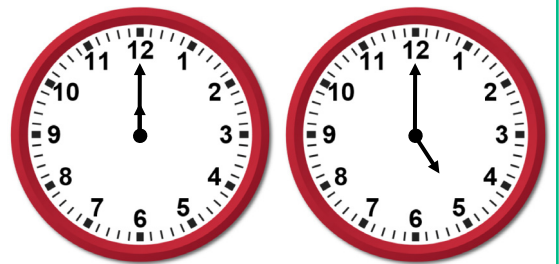
Is this correct?
Explain.



Challenge

11. How many o'clock or on the hour times are between 12 o'clock and 5 o'clock?

How do you know?



Answers

Q no.	Question	Answer
1	1 less than 10	9
2	$10 + 10$	20
3	$? = 9 - 3$	6
4	? is double 9	18
5	Match the clocks to the times.	Lines drawn to match clocks to times.
6	Complete the sentences.	1, 12
7	Draw the hands on the clock to show 5 o'clock.	Drawn - longer minute hand pointing to 12 and shorter hour hand pointing at 5.
8	Complete the pattern.	3, 5
9	This clock is missing a minute hand. Explain how you can work out what time is being shown.	The hour hand is directly on the hour. The hour hand can only be directly on an hour if it is a full hour (in this case 10 o'clock).
10	The time is 12 o'clock. Is this correct? Explain.	The clock does not show 12 o'clock. The minute hand has been read incorrectly as the hours. The clock shows 2 o'clock.
11	How many o'clock or on the hour times are between 12 o'clock and 5 o'clock? How do you know?	There are 4 o'clock times between 12 o'clock and 5 o'clock (1 o'clock, 2 o'clock, 3 o'clock and 4 o'clock). Pupils may draw clocks to show how they know or explain another way that they know. Accept answers that demonstrate an understanding of reading times.

Arithmetic

1. $8 + 3$

2. True or false, 15 is an odd number.

3. 14 shared between 2

4. Double 3 equals ?



Practice: Time to the Half Hour

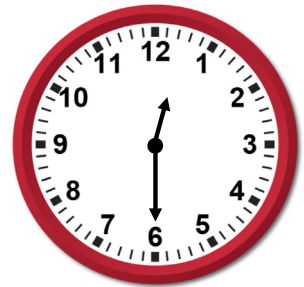
5. Match the clocks to the times.



half past 1



half past 12



half past 3

6. Complete the sentences.

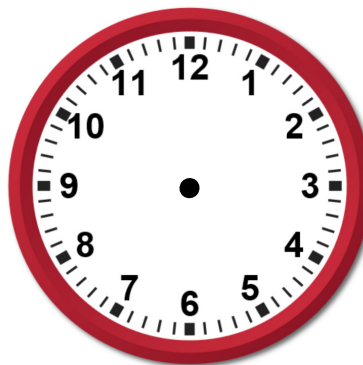


The time is half past .



The time is half past .

7. Draw the hands on the clock to show half past 2.



You might want to talk to an adult



Use resources to help you



Spot the mistake

8. Complete the pattern.

Half past 3, half past 4, half past , half past , half past 7

9. True or false.

When showing a half hour time, the minute hand will always point to the 12.

10. The time is half past 9.



Is this right?

Explain.

Challenge

11. What do you notice about these clocks?



Answers

Q no.	Question	Answer
1	$8 + 3$	11
2	True or false, 15 is an odd number.	True
3	14 shared between 2	7
4	Double 3 equals ?	6
5	Match the clocks to the times.	Lines drawn to match clocks to times.
6	Complete the sentences.	7, 4
7	Draw the hands on the clock to show half past 2.	Drawn - longer minute hand pointing to 6 and shorter hour hand pointing half way between 2 and 3.
8	Complete the pattern.	5, 6
9	True or false. When showing a half hour time, the minute hand will always point to the 12.	False. When showing a half hour time, the minute hand will always point to the 6.
10	The time is half past 9. Is this right? Explain.	The statement is incorrect. The clock shows half past 8, not half past nine.
11	What do you notice about these clocks?	Answers will vary depending on what the pupil thinks is important. Example answers: The pattern is o'clock, half past, o'clock, half past. They change by half an hour each time. The first two times have 1 as the hour.

Arithmetic

1. Half of ? is 4

2. $11 - 5$

3. $9 + 1$

4. ? is one more than 20



Practice: Writing Time

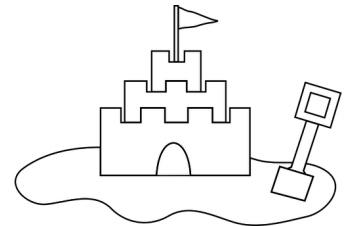
5. Circle the activity that you would measure in minutes.



eating a chocolate button



getting dressed



a day at the beach

6. Complete the sentences using the word bank.

minutes

hours

seconds

I can do 4 star jumps in ten

A game of football lasts 90

I slept for 8 last night.

7. How many circles can you draw in ten seconds?



You might want to talk to an adult



Use resources to help you



Spot the mistake

8. Which of these activities would take about a minute?



brushing teeth



eating a roast dinner



maths homework

9. Which is the longest measure of time?

Hours

Seconds

Minutes

Explain your answer.

10. Josie says she watched a whole film that was 2 seconds long.

Do you think Josie is right?

Explain.

Challenge

11. Think about how long each activity takes.

Putting on shoes

Playing a game at break time

A maths lesson

Which is the odd one out? Explain your choice.

Answers

Q no.	Question	Answer
1	Half of ? is 4	8
2	11 - 5	6
3	9 + 1	10
4	? is one more than 20	21
5	Circle the activity that you would measure in minutes.	Circled - getting dressed.
6	Complete the sentences using the word bank.	Seconds Minutes Hours
7	How many circles can you draw in ten seconds?	Answers will vary depending on the pupil.
8	Which of these activities would take about a minute?	Brushing teeth.
9	Which is the longest measure of time? Hours, Seconds, Minutes. Explain your answer.	Hours are the longest measure of time. Most pupils will not know the conversion between units of time but they will know that an activity taking seconds does not last as long as an activity taking an hour.
10	Josie says she watched a whole film that was 2 seconds long. Do you think Josie is right? Explain.	Josie has probably confused seconds for hours. A two second film would be very short. Josie does not have a good understanding of different measures of time and when they are used.
11	Think about how long each activity takes. Putting on shoes Playing a game at break time A maths lesson Which is the odd one out? Explain your choice.	Answers will vary depending on the pupil's experiences. Accept answers that are accompanied with an appropriate explanation. Example answers: Putting on shoes is the odd one out as it takes seconds to do. Playing a game at break time is the odd one out as it can be measured in minutes Maths lesson is the odd one out as this can be measured using 'hour'.

Arithmetic

1. $13 - 9$

2. $? = 6 + 8$

3. Double 7

4. ? is one less than 15



Practice: Comparing Time

5. Circle the shortest time unit.

minutes

seconds

hours

6. Circle the longest unit of time.

days

weeks

months

7. Use $<$ $>$ $=$ to compare the times.

One minute one hour

One week one hour

One hour 60 minutes



You might want to talk to an adult



Use resources to help you



Spot the mistake

8. Look at the times the tortoises took to complete the race and then complete the sentences.



Bill

87 seconds



Bob

76 seconds



Sid

78 seconds

is the fastest tortoise.

is the slowest tortoise.

9. Arslan and Tiarna are eating lunch.

Arslan takes 10 minutes.

Tiarna takes 12 minutes.

Explain how you know Tiarna was slower eating her lunch.

10. Two children ran a race.

Jerry finished in 47 seconds. Ben finished in 55 seconds. Ben finished first because his time was longer.

Is this right?

Explain.

11. How many can you do in one minute?

For each activity, guess how many you can complete in one minute and write it down. Then time yourself for one minute doing the activity, don't forget to count! Write down how many you could actually do in one minute.

activity	guess	real
Star jumps		
Lap from on point to another		
Hops on one foot		
Sit-ups		

Answers

Q no.	Question	Answer
1	13 - 9	4
2	? = 6 + 8	14
3	Double 7	14
4	? is one less than 15	14
5	Circle the shortest time unit.	Circle seconds
6	Circle the longest unit of time.	Circle months
7	Use < > = to compare the times.	<, >, =
8	Look at the times the tortoises took to complete the race and then complete the sentences.	Bob, Bill
9	Arslan and Tiarna are eating lunch. Arslan takes 10 minutes. Tiarna takes 12 minutes. Explain how you know Tiarna was slower eating her lunch.	The question has provided the pupil with the answer, therefore the focus is on their explanation of the answer. Pupils should identify that both times are in minutes so can be easily compared. Tiarna is slower as her time is longer (12 minutes is longer than 10 minutes).
10	Two children ran a race. Jerry finished in 47 seconds. Ben finished in 55 seconds. Ben finished first because his time was longer. Is this right? Explain.	Ben took longer so finished second. In a race, the shortest time wins the race.
11	How many can you do in one minute? For each activity, guess how many you can complete in one minute and write it down. Then time yourself for one minute doing the activity, don't forget to count! Write down how many you could actually do in one minute.	Answers will vary depending on the pupil. This is to help pupils understand how long one minute is. It will also help them understand why it is difficult to time everything using the same unit of measure. Pupils will probably find they can do a lot of star jumps in one minute but not as many laps.