

Monday



Change the following from 12 to 24 hour clock:

1. 14:00
2. 01:00
3. 16:30
4. 07:15

Change the following from 24 to 12 hour clock:

1. 7:00am
2. 8:00pm
3. 1:00pm
4. 5:20am

Who is **more likely** to be correct? How do you know?



Dora

I slept from 8 p.m. to 8 a.m.



Teddy

I slept from 8 a.m. to 8 p.m.



Match the times to the clocks showing the same time.

9 o'clock in the morning		19:15
Half past 3 in the afternoon		09:00
Quarter past 7 in the evening		15:30

2. Fill the gaps to complete the times!

- | | |
|-------|--|
| 13:45 | Quarter to two in the afternoon |
| 11:20 | Twenty past eleven in the morning |
| 15:50 | Ten to four in the afternoon |
| __:45 | Quarter to three in the afternoon . 14:45 |
| 17:__ | Twenty - five to six. 17:35 |
| __:__ | Twenty to 9 in the morning . 08:40 |



Write the following times in 12 and 24 hour clock.

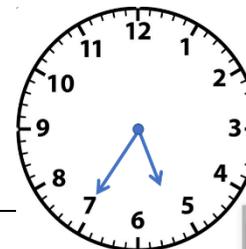
1. 11:00pm 23:00
2. 3:30pm 15:30
3. 7:15pm 19:15
4. 9:30am 09:30
5. 1:45pm 13:45

Match the analogue to digital times!

AM	PM	PM	AM
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- 07:10. 21:20. 13:10. 00:45

1. Sam leaves home at the time shown.



Dora; because you are more likely to fall asleep in the evening and wake up in the morning.

1. Jack leaves home at the time shown.



He arrives at school 25 minutes later. What will the time look like on Jack's digital 24-hour watch? **07:35**

2.

1. Three children are meeting in the park.

Beth says,



We are meeting at 14:10

Tim says,



We are meeting at 02:10 pm

Faye says,



We are meeting at ten to two.

Will all the children meet at the same time? Convince me. **Beth and Tim will meet at the same time, but Faye will arrive at 13:50 - 20 minutes early!**

He arrives at work 38 minutes later. What will the time look like on Sam's digital 24-hour watch? **06:13**

2. Seb says,



To change any time after midday from 12 hours to 24 hours digital time just add 12 to the minutes.

True or false? Explain your thinking.

Seb has made a mistake - he should add 12 to the hours instead.

Tuesday

		
<p>1. 1 hour half an hour or 30 minutes 1 hour 2 hours</p> <p>2. Rosie started running at 09:00 a.m. and stopped at 10:00 a.m. Rosie ran for 60 minutes.</p> <p>Tommy started running at 09:30 and stopped at 10:00 Tommy ran for 30 minutes.</p> <p>3. The journey was 15 minutes.</p>	<p>1. 1 hour. 3 hours 2 hours 2 hours</p> <p>2. complete the sentences.</p> <p>Rosie started running at 7:20 a.m. and stopped at 8:45 a.m. Rosie ran for 85 minutes.</p> <p>Tommy started running at 09:10 and stopped at 09:55. Tommy ran for 45 minutes.</p> <p>3. 59 minutes.</p>	<p>1. Calculate the duration of the TV programmes. 1hour and 20 minutes 2 hours and 7 minutes 2 hours half an hour or 30 minutes</p> <p>2. complete the sentences.</p> <p>Rosie started running at 06:23 a.m. and stopped at 8:45 a.m. Rosie ran for 2 hours and 22 minutes/142 minutes</p> <p>Tommy started running at 08:11 and stopped at 09:55 Tommy ran for 1 hour and 44 minutes/ 104 minutes.</p> <p>3. 1 hour and 46 minutes</p>



Finley is incorrect, to win a race you need to be quicker than your opponent. A longer time means you are slower!



Both children's methods are correct.
Teddy has found the duration by $15 + 15 + 15 + 10 = 55$ minutes.

Rosie has found the duration by noticing that one hour after the start of lunch it will be 1:15, so she needs to take 5 minutes from 1 hour to also get 55 minutes.



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Wednesday



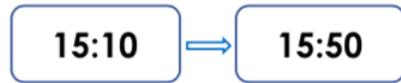
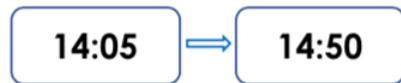
Which is the longest duration?

1.



A (35 minutes)

2.



A (45 minutes)

Rosie started running at 09:00 a.m. and stopped at 10:00 a.m.

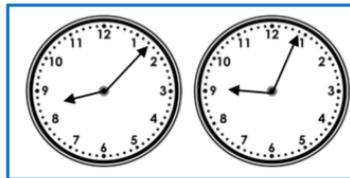
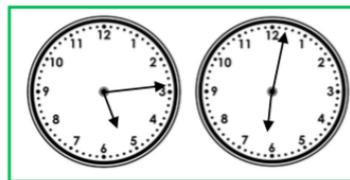
Tommy started running at 09:30 and stopped at 10:00.

Who ran for longer?



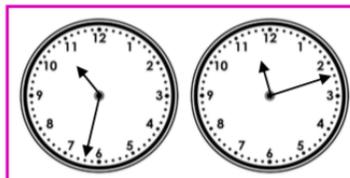
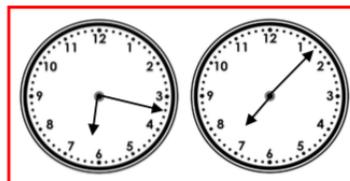
Which is the longest duration?

1.



B

2.



Which is the quicker bus journey?

2

Which is the slower train journey?

A

3. Rosie

Rosie

B

Rosie

1. Mr C is wrong- his journey only took 40 minutes whereas Joey's took 45

Bus	Halifax	Bradford	Leeds	York
1	13:00	13:25	13:40	14:15
2	15:05	15:35	15:40	16:10

Train 1 = 25 minutes, Train 2 = 30 minutes.
5 minutes difference.
Train 1 = 50 minutes, Train 2 = 35 minutes.
Train 2 is quicker.

2. Answer the questions about the timetable.
 1. 1 hour 20 minutes
 2. Geography
 3. Spelling and French (40 minutes)
 4. 1 hour
 5. 6 hours and 10 minutes

1. He is Correct - his journey took 30 minutes
- 2.

Train	Shipley	Ilkley	Skipton	Settle
A	11:35	11:56	12:22	12:52
B	13:02	13:34	13:55	14:21
C	14:56	15:21	15:52	16:14

Train A = 47 minutes, Train B = 53 minutes,
Train C = 56 minutes. Train A is the
quickest.
Train A = 56 minutes, Train B = 47 minutes.
9 minutes difference.

3. Answer the questions about the timetable.
 1. 1 hour 20 minutes
 2. Geography

6. He is correct - his journey took 1 hour and 19 minutes
- 7.

Plane	Gatwick	Cardiff	Dublin	Glasgow
1	07:05	07:51	08:47	09:34
2	09:54	10:32	10:58	11:56
3	12:02	12:42	13:37	14:10

Plane 1 = 1 hour and 42 minutes, Plane 2 =
1 hour and 4 minutes, Plane 3 = 1 hour and
35 minutes. Plane 2 is the quickest. Plane 2
= 26 minutes. Plane 3 = 55 minutes. 29
minutes difference.

8. Answer the questions about the timetable.
 1. 1 hour 20 minutes
 2. Geography
 3. Spelling and French (40 minutes)
 4. 1 hour
 5. 6 hours and 10 minutes

	<p>3. Spelling and French (40 minutes)</p> <p>4. 1 hour</p> <p>5. 6 hours and 10 minutes</p>	
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Thursday

		
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<p>1. Complete the tables</p> <p>Karate - 1:45pm10</p> <p>Golf - 2:45pm</p> <p>Foot Golf -10:20am Finger Painting - 11:10am</p> <p>2.</p> <p>Maths - 9:30am English - 12:00pm Spelling - 12:20pm PE - 2:00pm French - 2:25pm Handwriting - 3:10pm</p> <p>3. Chuan is incorrect because he needed to count backwards by 30 minutes. The correct answer is 6:40pm.</p> <p>4. 10:25am, 11:50am, 10:25am. Paw Police is the odd one out as it does not start at 10:25am.</p>	<p>1. Complete the tables</p> <p>Table : 1:15pm, 1:50pm, 15:40</p> <p>Table 2: 09:20,11:40, 12:30</p> <p>2.</p> <p>Charlotte's Web - 4:25pm Frozen - 1:10pm Captain Marvel - 6:10pm</p> <p>Maths - 10:00am English - 10:45am PE - 1:20pm French - 2:40pm</p> <p>3. Whitney has forgotten that there are only 60 minutes in an hour - 2:85 doesn't exist - instead we say 3:25</p> <p>4. Sean is incorrect because he has forgotten to change to minutes into hours and minutes once he reached 60 minutes. The correct time is 15:30.</p>	<p>1. Complete the tables</p> <p>Table 1 - 14:51, 2:01pm, 17:14</p> <p>Table 2 - 08:55, 11:30, 12:37</p> <p>2.</p> <p>Charlotte's Web - 4:25pm Frozen - 1:10pm Captain Marvel - 6:10pm</p> <p>Maths - 10:00am English - 10:45am PE - 1:20pm French - 2:40pm</p> <p>3. Whitney has forgotten that there are only 60 minutes in an hour - 2:85 doesn't exist - instead we say 3:25</p> <p>4. Alice is incorrect. She started in the afternoon so she will finish at 3:59pm not 3:59am.</p>
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Friday



1. Think of three activities that take about:

- 60 seconds
- 120 seconds
- 10 seconds
- 1 second
- 300 seconds

See if you can time them and mark yourself!

2. Convert these times into seconds:

- 120 seconds
- 480 seconds
- 960 seconds

3. How long does it take you to:

Sing the alphabet song?

Do 5 star jumps?

Time yourself and see!

2. Convert these times into seconds:

- 300 seconds
- 600 seconds
- 720 seconds

3. How long does it take you to:

Sing happy birthday?

Toast a slice of bread?

Time yourself and see!

2. Convert these times into seconds:

- 290 seconds
- 428 seconds
- 559 seconds

3. How long does it take you to:

Run 100m?

Fill a 500ml water bottle?

ime yourself and see!

Fatima is incorrect. Only phone call 2 is less than 2 minutes because 60 seconds = 1 minute. The other phone calls are 4 minutes and 2 minutes.

4. Dean is incorrect. Only 3 out of the 5 says are faster than 4 minutes. It takes the children 4 minutes and 10 seconds on Tuesday, and 5 minutes and 20 seconds on Friday, and neither of these are faster than 4 minutes (240 seconds).

4. Bobby is incorrect. Crawshaw Primary take 1 minute 19 seconds to score, which is the same as Whitewell Primary, but Mersey Primary score their first goal 1 second faster.