Worksheet - Time to 5 minutes

Year: Year 2 · 20

Show your working.

Question 1

Question 1 – Read the clocks *(Section A · Practice)*

Write the time shown on each clock in digital form.

a. 

b. 

c. 

d. 

Question 2

Question 2 – Five-minute times *(Section A · Practice)*

Write the time shown on each clock. Count in fives to find the minutes.

a. 

b. 

c. 

d. 

Question 3

Question 3 – Draw the hands *(Section A · Practice)*

Draw the hands on a clock face for each time. Say where the minute hand points and where the hour hand is.

a. 7 o'clock
b. half past 1
c. quarter to 4
d. 20 past 5

Question 4

Question 4 – Digital to words *(Section A · Practice)*

Write each digital time in words, such as "quarter past 6".

a. 4:00
b. 8:30
c. 3:15
d. 9:45
e. 2:35

Question 5

Question 5 – Time facts *(Section A · Practice)*

Fill in the missing numbers.

a. 1 hour = __ minutes
b. 1 minute = __ seconds
c. 1 day = __ hours
d. 2 hours = __ minutes
e. Half an hour = __ minutes

Question 6

Question 6 – How long does it take? *(Section A · Practice)*

Find how long each activity takes.

a. Starts at 3:00 and finishes at 5:00
b. Starts at 10:00 and finishes at 10:30
c. Starts at 1:15 and finishes at 2:15
d. Starts at 7:00 and finishes at 9:30

Question 7

Question 7 – The school day *(Section B · Real-life practice)*

Class 2 follow this timetable on Wednesday. Mrs Ali rings the bell at the start of each part of the day. The children want to know how long each part takes.

What	Starts	Finishes
Registration	8:45	9:00
Maths	9:00	10:00
Break	10:00	10:15
Reading	10:15	11:00
Lunch	12:00	1:00

a. How long is maths?
b. How long is break?
c. How long is reading?
d. How long is lunch?
e. How much time is there from the start of registration to the end of reading?

Question 8

Question 8 – Getting ready for school *(Section B · Real-life practice)*

Zara wakes up at 7:00 every morning. She takes 20 minutes to wash and get dressed, 15 minutes to eat breakfast and 10 minutes to pack her bag. Then she walks to school, which takes 15 minutes. School starts at 8:45.

a. At what time has she finished washing and getting dressed?
b. At what time has she finished breakfast?
c. At what time has she finished packing her bag?
d. At what time does she arrive at school if she leaves straight after packing? Is she on time?

Question 9

Question 9 – The football match *(Section B · Real-life practice)*

A football match for the Year 2 team starts at 10:00 on Saturday. The match has two halves. Each half takes 20 minutes, and there is a break of 10 minutes between the halves. The players arrive at 9:30 and warm up.

a. How many minutes do the players play altogether?
b. How many minutes does the whole match take, including the break?
c. At what time does the match finish?
d. How long do the players spend at the ground from when they arrive until the match finishes?

Question 10

Question 10 – Baking a cake *(Section B · Real-life practice)*

Mum puts a cake in the oven at 2:15. The recipe says that the cake needs to bake for 45 minutes. She then lets it cool for 30 minutes before decorating it. Everyone sits down to eat the cake at 4:00.

a. At what time does the cake come out of the oven?
b. At what time is the cake cool and ready for decorating?
c. How long is it from the time the cake is ready for decorating to the time everyone eats it?
d. Mum says the cake is baked for less than an hour. Is she right?

Question 11

Question 11 – A trip to the zoo *(Section B · Real-life practice)*

The class goes to the zoo on a bus. The bus leaves school at 9:15 and arrives at the zoo at 10:00. The class spends 3 hours at the zoo. The children have a picnic lunch at 12:30. The bus journey home takes the same time as the journey there.

a. How long is the bus journey to the zoo?
b. At what time do the children leave the zoo?
c. At what time does the bus arrive back at school?
d. How long is it from 10:00 to the picnic?

Question 12

Question 12 – Saturday swimming *(Section B · Real-life practice)*

Ben goes swimming on Saturday. The swimming lesson starts at 11:00 and lasts 45 minutes. Ben takes 15 minutes to change after the lesson. His dad picks him up at the time he finishes changing. The leisure centre is a 20 minute drive from home.

a. At what time does the lesson finish?
b. At what time does Ben finish changing?
c. At what time do they get home?
d. How long is the time from the start of the lesson to getting home?

Question 13

Question 13 – The TV programme *(Section B · Real-life practice)*

Hana is watching television. A cartoon starts at 4:30 and lasts 30 minutes. A film starts at 5:00 and lasts 1 hour 30 minutes. Hana has to go to bed at 7:00 and she does not want to miss her bedtime story.

a. At what time does the cartoon finish?
b. At what time does the film finish?
c. How much time is there between the end of the film and bedtime?
d. Is the film longer or shorter than 2 hours? Explain.

Question 14

Question 14 – A day at the beach *(Section B · Real-life practice)*

The family arrive at the beach at 10:30. They build a sandcastle for 45 minutes and then paddle in the sea for 30 minutes. They eat lunch at 12:00 and swim after lunch. They leave the beach at 3:00.

a. At what time do they finish the sandcastle?
b. At what time do they finish paddling in the sea?
c. How long do they wait before lunch?
d. How long are they at the beach altogether?

Question 15

Question 15 – The school trip timetable *(Section C · Problem solving)*

Year 2 are going on a trip to a farm. The teacher plans the day carefully. The coach leaves school at 9:00. The journey takes 1 hour 15 minutes. After arriving the children see the animals for 1 hour, have a farm talk for 45 minutes, and then eat lunch from 12:30 to 1:15. The coach leaves the farm at 2:30.

Event	Time
Coach leaves school	9:00
Journey	1 hour 15 minutes
See the animals	1 hour
Farm talk	45 minutes
Lunch	12:30 to 1:15

Event	Time
Coach leaves farm	2:30

a. At what time do the children arrive at the farm?
b. At what time do they finish seeing the animals?
c. At what time does the farm talk finish?
d. How long is lunch?
e. How long between the end of lunch and the coach leaving the farm?

Question 16

Question 16 – A busy Saturday *(Section C · Problem solving)*

Dev has a busy Saturday. He goes to a football club at 9:30, which lasts 1 hour. Then he has a break and swims at 11:00 for 45 minutes. Lunch is at 12:30. In the afternoon he goes to a birthday party at 2:00 that lasts 2 hours 30 minutes.

a. At what time does football club finish?
b. How long is the break between football and swimming?
c. At what time does swimming finish?
d. At what time does the birthday party finish?
e. How many hours and minutes is it from the start of football to the end of the party?

Question 17

Question 17 – Planning a party *(Section C · Problem solving)*

Isla plans her birthday party. The party starts at 2:00. First the children play games for 45 minutes. Then they have party food, which takes 30 minutes. After that there is a magic show for 1 hour. Parents collect the children at 4:30.

a. At what time do the games finish?
b. At what time does the party food finish?
c. At what time does the magic show finish?
d. How long is there between the end of the magic show and the time parents come to collect the children?
e. Isla says the party is longer than 2 hours. Is she right? Work out how long the party lasts.

Question 18

Question 18 – Train journeys *(Section C · Problem solving)*

Mia and her gran take a train to the seaside. The train leaves the station at 10:20 and arrives at 11:50. They spend the day at the seaside. The train home leaves at 4:30 and the journey takes the same time as the journey there.

Journey	Leaves	Arrives
To the seaside	10:20	11:50
Home	4:30	__

a. How long is the journey to the seaside?
b. At what time does the train home arrive?
c. How long is it from arriving at the seaside to the train home leaving?
d. Is the train journey home longer than the time spent at the seaside? Explain.

Question 19

Question 19 – Clock puzzle *(Section C · Problem solving)*

Otto looks at a clock in the school hall. The clock is wrong by 10 minutes. It always shows the time 10 minutes behind the real time. Mr Evans uses it to ring the bell for the end of lunch. The lunch break ends at 1:15 by the real time.

a. The hall clock shows 12:50. What is the real time?
b. What time does the hall clock show when the real time is 1:15?
c. The bell is rung when the hall clock shows 1:15. Is it rung before or after the real end of lunch? By how long?
d. A child wants to arrive 5 minutes before the real end of lunch. What does the hall clock show at that time?

Question 20

Question 20 – Challenge: time puzzles *(Section D · Challenge)*

Otto has set you some time puzzles. Show how you worked out each one.

a. A film starts at 6:45 and lasts 1 hour 40 minutes. At what time does it finish?
b. How many minutes are there from 3:50 to 4:25?
c. The minute hand turns from 12 to 6 in half an hour. How many 5-minute steps is that?
d. A clock shows 3:20. What time will it be in 55 minutes?