RATIO, PROPORTION & RATES: TIME INTERVALS

Best Guess Mastery Worksheet (Target Grade 2/3)

I Do

Katie got on a train at 08 45.

She got off the train at 14 20.

How long was Katie on the train?
Give your answer in hours and minutes.

..... hours ..... minutes

We Do

Tom started work at 09 15.

He finished work at 16 05.

How long did Tom work for?
Give your answer in hours and minutes.

..... hours ..... minutes

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Best Guess Mastery Worksheet (Target Grade 2/3)

You Do 1

Sophie left home at 11 50.

She arrived at the park at 14 15.

How long was Sophie's journey?
Give your answer in hours and minutes.

..... hours ..... minutes

You Do 2

Mark started reading a book at 19 40.

He stopped reading at 22 10.

How long did Mark read for?
Give your answer in hours and minutes.

..... hours ..... minutes

RATIO, PROPORTION & RATES: COMPLEX TIMETABLES

Best Guess Mastery Worksheet (Target Grade 3/4)

Challenge 1

Keeley catches a flight at 21 35.

The flight takes exactly 8 hours and 45 minutes.

What time does the flight land?

Time: .....

Challenge 2

John takes a bus that leaves at 14 55.
The scheduled journey time is 3 hours and 15 minutes.

The bus is delayed by heavy traffic and arrives 40 minutes late.

What time does John actually arrive?

Time: .....

Answers & Worked Solutions

I Do:

1. Count full hours: 08:45 to 13:45 is 5 hours.
2. Count remaining minutes: 13:45 to 14:20 is 15 mins (to 14:00) + 20 mins = 35 minutes.
3. Answer: **5 hours 35 minutes**.

We Do:

1. Count full hours: 09:15 to 15:15 is 6 hours.
2. Count remaining minutes: 15:15 to 16:00 is 45 mins + 5 mins = 50 minutes.
3. Answer: **6 hours 50 minutes**.

You Do 1:

1. Count full hours: 11:50 to 13:50 is 2 hours.
2. Count remaining minutes: 13:50 to 14:00 is 10 mins + 15 mins = 25 minutes.
3. Answer: **2 hours 25 minutes**.

You Do 2:

1. Count full hours: 19:40 to 21:40 is 2 hours.
2. Count remaining minutes: 21:40 to 22:00 is 20 mins + 10 mins = 30 minutes.
3. Answer: **2 hours 30 minutes**.

Challenge 1:

1. Add the hours: 21:35 + 8 hours = 05:35 (next day).
2. Add the minutes: 05:35 + 45 minutes = 06:20.
3. Answer: **06:20**.

Challenge 2:

1. Find scheduled arrival: 14:55 + 3 hours = 17:55. 17:55 + 15 minutes = 18:10.
2. Add the delay: 18:10 + 40 minutes = 18:50.
3. Answer: **18:50**.