

Ready
2
Learn

FRIDAY, 15 MAY 2020

ANSWERING EXAM STYLE QUESTIONS; SOLVE PROBLEMS REQUIRING CALCULATIONS WITH TIME

Where will you
be at the end
of the lesson?

- Convert minutes to hours and hours to minutes (all of us)
- Calculate and record time in different formats (most of us)
- Calculate minutes as a fraction of an hour (some of us)

How do you
get there?

Task 1 - Converting minutes and hours
Task 2 - Will Tori the diver finish on time?
(L2 Exam style question)
STRETCH - Convert seconds to minutes and complete extension tasks
Plenary - On the post-it write one thing you have learnt today

TASK 1: COMPLETE THIS TASK INDIVIDUALLY

You have 90 seconds to complete as much of this task as you can

Convert these times to minutes:

1. 1.5 hours.....
2. 2 hours 47 minutes.....

Convert the minutes to hours:

1. 75 minutes.....
2. 97 minutes.....

Hint: 60 mins = 1 hour

*Remember to show **all of your calculations**. They are worth more marks than your actual answer!*

Extension:

You leave college at 2.15pm. It takes you 17 minutes to walk to the car park and 36 minutes to drive home. What time will you reach home? Give your answer in the 24 hour format.



TASK 2 PART 1

You have 120 seconds to complete this task.

Tori is a professional diver.

Jane is training Tori in preparation for a diving competition. She uses these notes to plan a training session for Tori on Monday.

At the gym

Warm up 5-minute walk followed by 3-minute run (repeat 4 times)

Weights $\frac{3}{4}$ hour

Gymnastics 1.5 hours

Trampoline 25 minutes

At the pool

5 m diving board 40 minutes

Make sure you read all of the information and check your answers!

TASK: Calculate all of the times above into minutes. Work with the person next to you.

Extension task

How many minutes in:

0.25 hours?



TASK 2 CONTINUED; COMPLETE INDIVIDUALLY

Tori is a professional diver.

Jane is training Tori in preparation for a diving competition. She uses these notes to plan a training session for Tori on Monday.

At the gym

Warm up 5-minute walk followed by 3-minute run (repeat 4 times)

Weights $\frac{3}{4}$ hour

Gymnastics 1.5 hours

Trampoline 25 minutes

At the pool

5 m diving board 40 minutes

All times include any breaks Tori needs.

Jane needs to allow 30 minutes for Tori to change and get from the gym to the pool.

The Monday session will start at 4:30 pm.

Jane thinks the session will finish by 9:15 pm.

TASK: →

- (a) Will the session finish by 9:15 pm?
Show why you think this.

(4)

Extension task;

1. Give your answer in the 24 hour clock format
2. What is 12 minutes as a fraction of an hour? Give your answer in the simplest form.

You have 210 seconds to complete this task.



