# Converting Time Word Problems

1. Would you rather have a lunch break 1 hour and 10 minutes long or 80 minutes long? Explain why, showing your working out.

2. If it is 10 weeks and 2 days until Christmas. How many days is this? Show your working out.

3. Your class is going on an excursion. The bus is leaving at 9:30am. You must be at school 20 minutes before the bus leaves. It will take you 15 minutes to walk to school from your house. What time do you need to leave home so that you don't miss the bus? Show your working out.

4. You are having a bike race with your friend. The race starts at 11:30am. Your friend crosses the finish line at 1:10pm and you finished 8 minutes before them.

   How long was your friend cycling for in minutes? Show your working out.

   How long were you cycling for in hours and minutes? Show your working out.

# Converting Time Word Problems

5. It takes you 5 minutes and 12 seconds to swim 10 laps of the swimming pool. How many seconds were you swimming for? Show your working out.

6. You are flying to New Zealand for a holiday. You arrive in New Zealand at 3:20pm (Australian time). If your flight took 3 hours and 15 minutes, what time did you take off from Australia? Show your working out.

7. Add up the total amount of sleep you get each week using the table below.

| | Bedtime | Wake up time | Total amount of sleep |
|---|---|---|---|
| Monday | | | |
| Tuesday | | | |
| Wednesday | | | |
| Thursday | | | |
| Friday | | | |
| Saturday | | | |
| Sunday | | | |
| Total amount of sleep this week | | | |

8. Write a time problem of your own using the time 8:20am and the time duration 1 hour and 20 minutes.

# Converting Time Word Problems **Answers**

1. Would you rather have a lunch break 1 hour and 10 minutes long or 80 minutes long? Explain why, showing your working out.

> **60 minutes + 10 minutes = 70 minutes so 80 minutes is a longer break.**

2. If it is 10 weeks and 2 days until Christmas. How many days is this? Show your working out.

> **10 weeks x 7 days = 70 days**
>
> **70 days + 2 days = 72 days**
>
> **72 days until Christmas**

3. Your class is going on an excursion. The bus is leaving at 9:30am. You must to be at school 20 minutes before the bus leaves. It will take you 15 minutes to walk to school from your house. What time do you need to leave home so that you don't miss the bus? Show your working out.

> **9:30 am - 20 minutes = 9:10am**
>
> **9:10 - 15 minutes = 8:55am**
>
> **Leave house at 8:55am**

4. You are having a bike race with your friend. The race starts at 11:30am. Your friend crosses the finish line at 1:10pm and you finished 8 minutes before them.

How long was your friend cycling for in minutes? Show your working out.

> **11:30am to 1:10pm = 1 hour 40 minutes**
>
> **1 hour 40 minutes = 60 minutes + 40 minutes = 100 minutes**
>
> **Friends cycled for 100 minutes.**

How long were you cycling for in hours and minutes? Show your working out.

> **1:10pm - 8 minutes = 1:02pm**
>
> **11:30am to 1:02pm =1 hour 32 minutes**
>
> **You cycled for 1 hour 32 minutes.**

# School Time **Answers**

5. It takes you 5 minutes and 12 seconds to swim 10 laps of the swimming pool. How many second were you swimming for? Show your working out.

> **5 minutes x 60 seconds = 300 seconds**
>
> **300 seconds + 12 seconds = 312 seconds**

6. You are flying to New Zealand for a holiday. You arrive in New Zealand at 3:20pm (Australian time). If your flight took 3 hours and 15 minutes, what time did you take off from Australia? Show your working out.

> **3:20pm - 15 minutes = 3:05pm**
> **3:05pm - 3 hours + 12:05pm**
>
> **You took off from Australia at 12:05pm**

7. Add up the total amount of sleep you get each week using the table below.

| | Bedtime | Wake up time | Total amount of sleep |
|---|---|---|---|
| Monday | | | |
| Tuesday | | | |
| Wednesday | | | |
| Thursday | | | |
| Friday | | | |
| Saturday | | | |
| Sunday | | | |
| Total amount of sleep this week | | | |

8. Write a time problem of your own using the time 8:20am and the time duration 1 hour and 20 minutes.