



# Time Problems

I can solve problems that involve converting units of time.



## Flying Times from London to Different Cities

Edinburgh	1h 30m
Rome	2h 45m
Paris	1h 15m
Athens	3h 30m
Madrid	2h 30m
Cairo	4h 45m
Moscow	3h 30m
Istanbul	4h



Answer these questions about flying times from London to different cities. Show your working out.

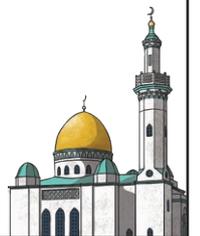
**1** How many minutes does it take to fly to Paris?



**2** How many minutes does it take to fly to Rome?



**3** How many minutes does it take to fly to Istanbul?





4 How much longer does it take to fly from London to Madrid than from London to Edinburgh?



5 How much longer does it take to fly from London to Athens than London to Paris?



6 How much longer does it take to fly from London to Cairo than London to Moscow?



7 If the plane leaves London at 5 p.m., what time should it arrive in Istanbul?



8 The plane to Paris should leave London at 1 p.m. However, it is delayed by 15 minutes. What time will it land in Paris?





# Time Problems

I can solve problems that involve converting units of time.



## Driving Times from Birmingham to Different Cities

Worcester	55 minutes
Cardiff	2 hours 5 minutes
Exeter	2 hours 45 minutes
Leeds	2 hours 5 minutes
Manchester	100 minutes
Newcastle	3 hours 15 minutes
Glasgow	4 hours 25 minutes
London	135 minutes



Answer these questions about driving times from Birmingham to different cities. Show your working out.

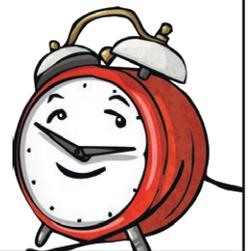
**1** How many minutes does it take to drive from Birmingham to Exeter?



**2** How long does it take to drive from Birmingham to London? Write your answer in hours and minutes.



**3** How many minutes does it take to drive from Birmingham to Leeds?





**4** How many more minutes does it take to drive from Birmingham to Leeds than Birmingham to Worcester?



**5** How much longer does it take to drive from Birmingham to Glasgow than Birmingham to Cardiff? Write your answer in hours and minutes.



**6** I am driving from Birmingham to Manchester. I set off at 11 a.m. What time should I arrive?



**7** I am driving from Birmingham to Newcastle. I set off at 1:30 p.m. What time should I arrive?



**8** There is traffic on my way from Birmingham to London. The journey takes 20 minutes longer than planned. If I set off at 9 a.m., what time will I arrive?





# Time Problems

I can solve problems that involve converting units of time.



## Driving Times from Exeter to Different Cities

Swansea	2 hours 40 minutes
London	3 hours 56 minutes
Inverness	10 hours 45 minutes
Bristol	91 minutes
York	5 hours 17 minutes
Liverpool	4 hours 34 minutes
Plymouth	52 minutes
Southampton	169 minutes



Answer these questions about driving times from Exeter to different cities. Show your working out.

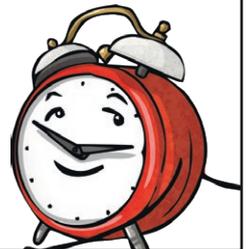
**1** How many minutes does it take to drive from Exeter to London?



**2** How long does it take to drive from Exeter to Southampton? Write your answer in hours and minutes.



**3** How many minutes does it take to drive from Exeter to York?





**4** How much longer does it take to drive from Exeter to York than Exeter to Bristol?



**5** How much longer does it take to drive from Exeter to Inverness than Exeter to Southampton?



**6** How much longer does it take to drive from Exeter to Liverpool than Exeter to Swansea?



**7** I am driving to London. I set off from Exeter at 10:45 a.m. What time should I arrive?



**8** There is traffic on my way from Exeter to York. The journey takes 5 minutes longer than planned. If I set off at 9:25 a.m., what time will I arrive?





# Time Problems Answers

Answer these questions about flying times from London to different cities. Show your working out.

1. How many minutes does it take to fly to Paris?  
**75 minutes**
2. How many minutes does it take to fly to Rome?  
**165 minutes**
3. How many minutes does it take to fly to Istanbul?  
**240 minutes**
4. How much longer does it take to fly from London to Madrid than from London to Edinburgh?  
**1 hour or 60 minutes**
5. How much longer does it take to fly from London to Athens than London to Paris?  
**2 hours 15 minutes or 135 minutes**
6. How much longer does it take to fly from London to Cairo than London to Moscow?  
**1 hour 15 minutes or 75 minutes**
7. If the plane leaves London at 5 p.m., what time should it arrive in Istanbul?  
**9:00 p.m.**
8. The plane to Paris should leave London at 1 p.m. However, it is delayed by 15 minutes. What time will it land in Paris?  
**2:30 p.m.**



# Time Problems Answers

Answer these questions about driving times from Birmingham to different cities. Show your working out.

1. How many minutes does it take to drive from Birmingham to Exeter?

**165 minutes**

2. How long does it take to drive from Birmingham to London? Write your answer in hours and minutes.

**2 hours 15 minutes**

3. How many minutes does it take to drive from Birmingham to Leeds?

**125 minutes**

4. How many more minutes does it take to drive from Birmingham to Leeds than Birmingham to Worcester?

**70 minutes**

5. How much longer does it take to drive from Birmingham to Glasgow than Birmingham to Cardiff? Write your answer in hours and minutes.

**2 hours 20 minutes**

6. I am driving from Birmingham to Manchester. I set off at 11 a.m. What time should I arrive?

**12:40 p.m.**

7. I am driving from Birmingham to Newcastle. I set off at 1:30 p.m. What time should I arrive?

**4:45 p.m.**

8. There is traffic on my way from Birmingham to London. The journey takes 20 minutes longer than planned. If I set off at 9 a.m., what time will I arrive?

**11:35 a.m.**



# Time Problems Answers

Answer these questions about driving times from Exeter to different cities.

1. How many minutes does it take to drive from Exeter to London?  
**236 minutes**
2. How long does it take to drive from Exeter to Southampton? Write your answer in hours and minutes.  
**2 hours 49 minutes**
3. How many minutes does it take to drive from Exeter to York?  
**317 minutes**
4. How much longer does it take to drive from Exeter to York than Exeter to Bristol? Show your working out:  
**3h 46m (226 minutes)**
5. How much longer does it take to drive from Exeter to Inverness than Exeter to Southampton? Show your working out:  
**7h 56m (476 minutes)**
6. How much longer does it take to drive from Exeter to Liverpool than Exeter to Swansea? Show your working out:  
**1h 54m (114 minutes)**
7. If I set off from Exeter at 10.45 a.m. driving to London, what time should I arrive?  
**2:41pm**
8. There is traffic on my way from Exeter to York and the journey takes 5 minutes longer than planned. If I set off at 9:25 a.m., what time will I arrive?  
**2:47 p.m.**