



Do not use a calculator to complete this worksheet

1. A leap year is a year, every fourth year, in which February has 29 days instead of 28 days. How many days are there in ten years?

2. How many days are there in a century?

3. (a) How many times does the minute-hand of a clock go around in 2 hours?
(b) How many times does the clock's second-hand go around in 2 hours?

4. A chef needs 5 minutes to season a chicken before cooking it for an hour. He needs 8 minutes to wash and cut the vegetables, and a further 5 minutes for cooking them. How long (in minutes) does it take the chef to prepare the meal?

5. Estimate the time to
(a) walk 10 steps
(b) have your dinner
(c) do shopping with your parents
(d) finish this worksheet

6. You leave home at 7.35 am and arrive at school at 8:18 am. Find the time taken to travel to school.

7. If you go to bed at 9:45 pm and you allow yourself eight and a half hours of sleep, what time should you set the alarm clock to wake you up?

8. By 7:50 pm you have been watching TV for an hour and 20 minutes. What time did you start watching TV?

9. Find the *number of days* from 28 July 2010 to 8 February 2011. Include the starting and finishing days in your count.

10. Find the *time interval in hours* between 3:00 pm 28 July 2010 and 3:00 pm 8 February 2011.

11. *Bus departure time:* 6:52 am, 7:08 am, 7:15 am, 7:23 am
Train departure time: 7:27 am, 7:37 am, 7:45 am, 7:56 am
You go to school by bus and train in the morning. The travel time from the bus stop to the train is 20 minutes, and the travel time by train is 25 minutes. Then you walk for 3 minutes to your school. Find the shortest time (in minutes) of travel from the bus stop to your school.

Numerical, algebraic and worded answers.

- 1. 3652
- 2. 36525
- 3. 2, 120
- 4. 65 minutes
- 5. 10 s, 30 minutes, an hour, 30 minutes
- 6. 43 minutes
- 7. 6:15 am
- 8. 6:30 pm
- 9. 196 days
- 10. 4680 hours
- 11. 48 minutes