

# Year 1 Science: How day length changes through the year: answers

Year 1 - Seasons and Weather - Lesson 9.6

**Answers.** Final answers to the worksheet questions. Full step-by-step solutions for every question are free at [websink.site/ks1/science/year-1/ch09-seasons-weather/how-day-length-changes-through-the-year/](https://websink.site/ks1/science/year-1/ch09-seasons-weather/how-day-length-changes-through-the-year/)

## Exercise 9F Day length through the year

**1** Which season has longer days: summer or winter?

**Answer:** summer

**2** Which season has shorter days: summer or winter?

**Answer:** winter

**3** Which month has the longest day: June or December?

**Answer:** June

**4** Which month has the shortest day: June or December?

**Answer:** December

**5** True or false: the sun sets earlier in winter than in summer.

**Answer:** True

**6** True or false: days are longer in December than in June.

**Answer:** False

**7** Choose the season for each clue. (a) It is still light at 8 pm in June. (b) It is dark by 5 pm in December.

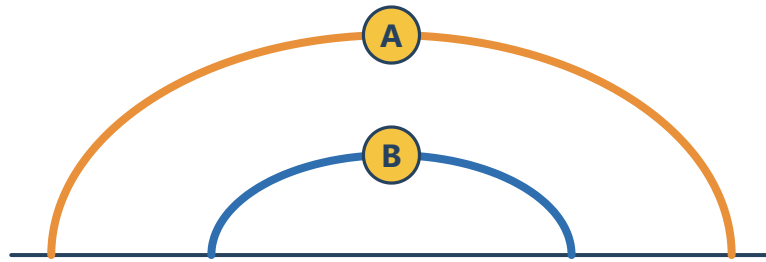
(a) It is still light at 8 pm in June

**Answer:** summer

(b) It is dark by 5 pm in December

**Answer:** winter

**8** Which arc shows the summer day: A or B? Explain how you know.



**Answer:** A. It is the longer, higher arc, so the sun is up for longer.

- 9** Mei says it gets dark earlier in summer than in winter. Is she right? Explain.

**Answer:** No. It gets dark earlier in winter, because the days are shorter.

- 10** The days are getting shorter in October. What does this mean for the time it gets dark in the evening? Explain.

**Answer:** It gets dark earlier in the evening.

- 11** Working scientifically: What do you think will happen to the time it gets dark over the next few weeks in autumn? How could we find out?

**Answer:** It will get dark earlier each week. Check the time it gets dark on the same day each week and compare.