

Arithmetic

1. $148 + 40$

2. $63,284 - 5,829$

3. $1,446 \div 3$

4. $\frac{8}{10} - \frac{4}{10}$

Practice: Converting Units of Time

5. Recap: Explain why a leap year happens.



6. Complete the sentences.

1 minute = ? seconds, 1 hour = ? minutes

1 day = ? hours, 1 week = ? days

7. Complete the sentences.

1 year = ? days, leap year = ? days

1 year = ? months, 1 year \approx ? weeks

8. Convert these weeks and days to days only.

a. 3 weeks and 2 days

b. 5 weeks and 6 days

c. 10 weeks and 1 day

9. Convert these days to weeks and days.

a. 84 days

b. 26 days

c. 32 days

10. How would you calculate how many minutes there are in a day?



11. Convert these to hours.

a. 660 minutes

b. 3 days

c. 90 minutes

12. Convert these to days.

a. 4 weeks

b. 240 hours

c. March + July

13. Andria says there are always four weeks in each month and each month always starts on a Monday. Is she correct? Explain.



Challenge

14. Roan, Benedict and Hetty are talking about going on holiday.

Roan says, "I leave in 28 days."

Benedict says, "I leave in 680 hours."

Hetty says, "I leave in 36,000 minutes."

Who is going on holiday first? Prove your answer.



You might want to talk to an adult



Spot the mistake

Answers

Q no.	Question	Answer
1	$148 + 40$	188
2	$63,284 - 5,829$	57,455
3	$1,446 \div 3$	482
4	$\frac{8}{10} - \frac{4}{10}$	$\frac{4}{10}$
5	Explain why a leap year happens.	A leap year occurs because a full year is approximately 365.25 days. As it is not possible to have 0.25 of a day, the days accumulate over four years. This means that every four years there is an 'extra' day (the result of the four 0.25 days), this is known as a leap year.
6	Complete the sentences.	60, 60, 24, 7
7	Complete the sentences.	365(.25), 366, 12, 52
8	Convert these weeks and days to days only.	a. 23 days, b. 41 days, c. 71 days
9	Convert these days to weeks and days.	a. 12 weeks, b. 3 weeks and 5 days, c. 4 weeks and 4 days
10	How would you calculate how many minutes there are in a day?	To calculate how many minutes there are in a day, the pupil must first know there are 24 hours in the day. From there they can multiply 24 by 60 to calculate how many minutes in a day.
11	Convert these to hours.	a. 11, b. 72, c. 1.5
12	Convert these to days.	a. 28, b. 10, c. 62
13	Andria says there are always four weeks in each month and each month always starts on a Monday. Is she correct? Explain.	Andria is incorrect. Pupils should be able to identify Andria is correct by comparing months on a calendar and counting the weeks. She will also see that each month does not start on a Monday, only some do, depending on the month/ year.
14	Roan, Benedict and Hetty are talking about going on holiday. Roan says, "I leave in 28 days." Benedict says, "I leave in 680 hours." Hetty says, "I leave in 36,000 minutes." Who is going on holiday first? Prove your answer.	Roan leaves in 672 hours. Benedict leaves in 680 hours. Hetty 600 hours. Hetty is going on holiday first.