Y3 Time Durations and Calendar

KS2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

How many seconds are in 2 minutes?

Step 1 · 1 minute = 60 seconds

2 minutes = 60 + 60

Step 2 · Add

= 120 seconds

Answer: 120 seconds

Check: Count in 60s: 60, 120 ✓

2. Now try one with the steps

Which is longer: 75 minutes or 1 hour?

Step 1 · 1 hour = 60 minutes

Step 2 · 75 > 60

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. How many seconds are in 1 minute?

2. How many minutes are in 1 hour?

3. How many hours are in 1 day?

4. How many days are in a year that is not a leap year?

5. How many days are in a leap year?

6. How many days are in September?

7. Which unit would you use to time a 100 m race: seconds, minutes or hours?

8. How many minutes are in half an hour?

9. A TV show starts at 5:10 and ends at 5:45. How long is it in minutes?

10. A walk starts at 2:45 pm and lasts 30 minutes. What time does it end?

11. How many seconds are in 3 minutes?

12. Dev took 95 seconds to tidy his room. Asha took 1 minute 40 seconds. Who was quicker?

13. A train leaves at 10:35 and arrives at 12:05. How long is the journey in minutes?

14. How many days are in April, May and June altogether?

4. Before you hand it in

Thinking there are 100 minutes in an hour.
Time works in 60s: 60 seconds = 1 minute, 60 minutes = 1 hour.

Working out 9:50 to 10:20 as 70 minutes by doing 1020 − 950.
Count on: 9:50 → 10:00 is 10 minutes, 10:00 → 10:20 is 20 minutes. Total 30 minutes.

Saying every month has 30 days.

Use the rhyme: 'Thirty days has September, April, June and November. All the rest have 31, except February ...'

Forgetting leap years.

Every 4 years February has 29 days and the year has 366 days.