Y4 12 and 24 Hour Clock

KS2 Y4 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Write 4:45 pm 24-hour time.

Step 1 · pm means after midday

Add 12 to the hour

Step 2 · 4 + 12 = 16

16:45

Answer: 4:45 pm = 16:45

Check: 16:45 is 4 hours and 45 minutes after midday ✓

2. Now try one with the steps

Write 08:10 12-hour time.

Step 1 · The hour is less than 12

Step 2 · Drop the 0 at the front

Answer:

3. Practice

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

1. Write 3:00 pm 24-hour time.

2. Write 7:30 am 24-hour time.

3. Write 18:00 12-hour time.

4. Write 10:20 pm 24-hour time.

5. Write 09:45 12-hour time.

6. Write 13:05 12-hour time.

7. Write half past two in the afternoon 24-hour time.

8. Write quarter to nine in the morning 12-hour digital time.

9. Write 12:00 midday 24-hour time.

10. Write 23:50 12-hour time.

11. Write 20 minutes to 7 in the evening 24-hour time.

12. A train leaves at 16:25. Is that in the morning or the afternoon?

13. Which is later: 9:15 pm or 20:55?

14. Write half past midnight 24-hour time.

4. Before you hand it in

Writing 4:45 pm as 4:45 on the 24-hour clock.
pm times (except 12) add 12 to the hour: 4:45 pm = 16:45.

Writing 15:00 as 5:00 pm.
Take away 12: 15 – 12 = 3, so 3:00 pm.

Writing 7:30 am as 7:30 on a 24-hour clock without a 0.

24-hour times use 4 digits: 07:30.

Writing half past midnight as 24:30 or 12:30.

Midnight is 00:00, so half past midnight is 00:30.