MeerkatSkool

FREE PRACTICE SHEET

Extra Maths Class

Free Extra Maths Class · Grade 5

Time intervals

Name: _____

Remember: An hour has 60 minutes, not 100. So jump on a time line: first to the next whole hour, then whole hours, then the minutes left. **Why?** If you subtract times like ordinary numbers, you get a wrong answer, because the minutes only go up to 60.

1 Write 3:20 p.m. in 24-hour time.

2 Write 21:45 with a.m. or p.m.

3 How many minutes are 2 hours 15 minutes?

4 Write 200 minutes in hours and minutes.

5 The clock shows a time in the morning. Write the time in 24-hour time.



6 How long is it from 08:15 to 10:50?

7 How long is it from 11:35 to 13:05?

8 A netball tournament starts at 16:25 and lasts 1 h 45 min. At what time does it finish?

9 A school outing ends at 12:30. It lasted 2 h 50 min. At what time did it start?

10 How many seconds are 3 minutes 20 seconds?

Stop	Time
Doringdal	06:50
Rivierkruis	07:25
Meerkatfontein	08:05
Strandkop	08:40

11 Look at the bus timetable. How long does the bus take from Doringdal to Meerkatfontein?

12 At which stop does the bus arrive 35 minutes after Doringdal?

13 The bus is 20 minutes late at every stop after Doringdal. At what time does it arrive at Strandkop?

14 A school holiday lasts from 5 December to 10 January. Both days are part of the holiday. How many days is that?

15 Thandi practises the piano for 25 minutes every day. How many hours and minutes is that in a week?

I got ___ out of 15 ★ ★ ★

Verduidelik stap vir stap / Explained step by step: meerkatskool.co.za

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Free Extra Maths Class · Grade 5 · Memorandum

Memorandum: Time intervals

1. **15:20**
   After 12:00 add 12 to the hours: 3 + 12 = 15
2. **9:45 p.m.**
   21 − 12 = 9, and it is after 12:00
3. **135 min**
   2 × 60 = 120; 120 + 15 = 135
4. **3 h 20 min**
   200 ÷ 60 = 3 remainder 20
5. **07:40**
   The short hand is between 7 and 8 and the long hand on 8 (40 minutes)
6. **2 h 35 min**
   08:15 → 09:00 = 45 min; 09:00 → 10:00 = 1 h; 10:00 → 10:50 = 50 min; total 2 h 35 min
7. **1 h 30 min**
   11:35 → 12:00 = 25 min; 12:00 → 13:00 = 1 h; 13:00 → 13:05 = 5 min; total 1 h 30 min
8. **18:10**
   16:25 → 17:00 = 35 min; 17:00 → 18:00 = 1 h; 18:00 → 18:10 = 10 min; total 1 h 45 min
9. **09:40**
   Work backwards: 12:30 − 2 h = 10:30; − 50 min = 09:40
10. **200 s**
    3 × 60 = 180; 180 + 20 = 200
11. **1 h 15 min**
    06:50 → 07:00 = 10 min; 07:00 → 08:00 = 1 h; 08:00 → 08:05 = 5 min; total 1 h 15 min
12. **Rivierkruis**
    06:50 + 35 min = 07:25
13. **09:00**
    08:40 + 20 min = 09:00
14. **37 days**
    December: 5 to 31 = 27 days; January: 1 to 10 = 10 days; 27 + 10 = 37
15. **2 h 55 min**
    25 × 7 = 175 min; 175 ÷ 60 = 2 remainder 55