

TV Schedule Maths Trail

Choose a weekly TV schedule to study. Use the schedule to answer the following questions:

1. What programme/s are broadcast at the same time every day? How long do these programmes last for each day? How long do these programmes last for in total over one week?

2. Which programme would you like to watch most? What day and time is this programme on at?

3. If you were to watch this programme at the same time every week for the remainder of the year, how long in total would you have spent watching TV?

4. What is the average length of time spent on news broadcasts on a Friday?

5. What do you notice about the types of programmes that are broadcast as the day goes on – what types of programmes are shown early and late, and why do you think this is?

6. What is the average length of a movie shown during the week?

7. Which day is your favourite one, across the TV schedule? Give reasons for your answer.

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8. What is the difference in time between the shortest programme and longest programme broadcast during the week?

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9. Express the amount of time spent on children's programmes and adult programmes out of the total amount of time for the week as a fraction, decimal and percentage.

10. Now write two questions of your own based on the TV schedule. Ask your friend to answer them for you.

