

# Maths

**1. Joy starts watching TV at 5:25pm and watches three shows; one lasting 45 minutes, one lasting 28 minutes and one lasting just 8 minutes. Assuming that the shows run back to back with no adverts, what time does her last show finish?**

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**2. How many hours are there in a leap year?**

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**3. Megan is six years older than Sam and Dennis is 27 years younger than Sam. If Megan is 52, how old is Dennis?**

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**4. What is the sum of the internal angles of an octagon?**

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**5. What is seven-eighths of 216?**

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**6. What is one sixteenth as a decimal?**

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**7. A car travels at a constant speed on the motorway. The 300-mile journey takes exactly four hours. At what speed was the car travelling?**

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**8. What is the perimeter of a square field with a total area of  $900\text{m}^2$ ?**

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**9. If you throw two dice at the same time, what is the probability of getting a 6 on both?**

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**10. What is the area of square with sides of 17cm?**

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