

Around the World in 80 Days

Mixed Maths

Challenge Cards



Around the World in 80 Days - Mixed Maths

1. Mark will need to expend 6000 calories per day during his journey. How many calories will this be if he maintains the amount for one week?



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2. What is the total planned distance of these country stages: Portugal 141 miles, Spain 592 miles and France 504 miles?



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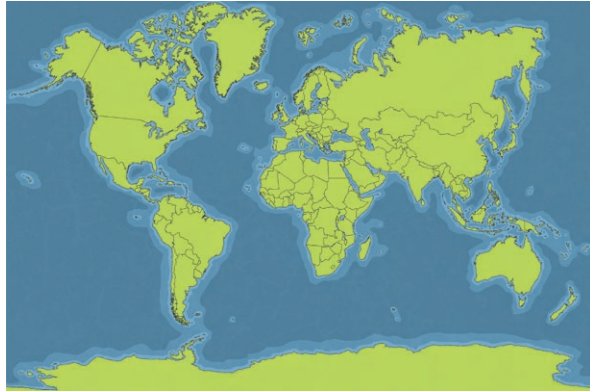
3. Mark has to drink 8 litres of water in 16 hours. How much water is this per hour?



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4. How much further is the stage in Mongolia at 624 miles than China at 415 miles?



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5. Mark needs to consume 30g of protein every 4 hours. If one boiled egg contains 6g of protein, what is the equivalent number of eggs he will eat in 4 hours?



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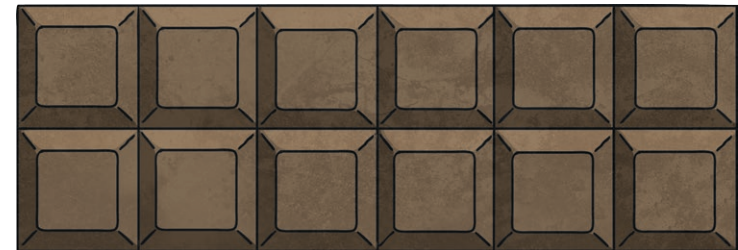
6. Mark needs to consume 8 litres of fluid per day. What fraction of the total has he consumed when he reaches 6 litres?



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7. If Mark was to consume three chocolate bars containing 260 calories each, how many calories would he have had in total?



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8. The recommended amount of sleep per night for an adult is 8 hours. If Mark sleeps for just $5\frac{1}{2}$ hours, how much less sleep will he have than the recommendation?



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9. If Mark travels through six countries in 42 days, what is the average number of days spent in each country?



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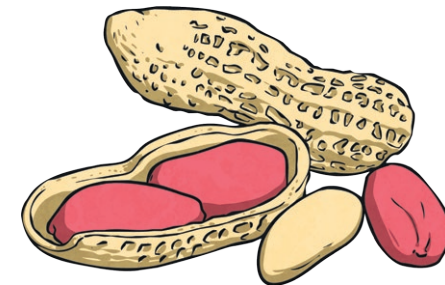
10. If Mark achieves his target of 240 miles each day, how many miles will he have cycled in two days?



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11. A portion of peanuts contains 11.5g of protein and a portion of cashew nuts contains 7g of protein. How much more protein is in the peanuts?



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12. Mark has to cycle 960 miles across New Zealand. How many miles will be halfway?



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