

Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. Write ninety thousand and fifty three in digits.
- b. Write these numbers in words: 1,489,623 4,023,305 2,395,001
- c. $2.45 + 9.2 + 0.9 =$



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. What is 1095 in Roman Numerals?
- b. $249,879 + 921,087 =$
- c. List all the prime numbers between 1 and 30.



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- a. My new car cost £6285. What is the cost of this to the nearest £100?
- b. What is 25% of 412?
- c. A show starts at 3.45pm and lasts for 72 minutes. When does it finish?



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- a. Jack writes down the number 149,595. Round this number to the nearest thousand.
- b. What is 100 more than 3,956?
- c. What is 100 less than 10,956?



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- a. Which number is smaller: 763,892 or 736,982?
- b. $28 \times 13 =$
- c. $14 \times 47 =$
- d. 4^2
- e. 5^3



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- a. How many seconds are there in 12 minutes?
- b. If an angle is acute, what does that mean?
- c. I turn 97° . How much further must I spin to make a half turn?



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. Write down all the factors of 24.
- b. What is the value of 8 in 6,821?
- c. Count on in 30s from 78. What are the first 5 numbers you'll say?



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- a. $2 \times 3 \times 4 =$
- b. How long did each of these monarchs reign for?
Henry V = MCDXIII to MCDXXII
Elizabeth I = MDLVIII to MDCIII



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. $2\frac{3}{4} \times 3 =$
- b. What is the perimeter of a rectangle with sides of 12.4cm and 89mm?
- c. Amy says, "The number 143 is a multiple of 9." Is she correct?



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- a. I counted back 60,000 and finished at 4,371,596. Where did I start?
- b. $3,453 + \text{????} = 9,902$
- c. $726 - 218 = 518$. Is this correct?



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- a. What are the prime factors of 36?
- b. $4134 \times 6 =$
- c. $13/4 = 3\frac{1}{2}$ True or false?
- d. 3^3



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. Which is larger? $\frac{3}{4}$ of 120 or 80% of 105.
- b. The flights were £1768.93. The hotel was £456.78. What's the total cost for the holiday?
- c. $3.4 \times ? = 340$



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. At 4pm the temperature in Sydney, Australia was 20°C . By midnight, it had dropped by 10°C , and by 2am it had dropped by a further 3°C . What was the temperature in Sydney now?
- b. What are all the factors of 36?



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- a. $2.3\text{L} = ? \text{ml}$
- b. $5\text{m} = ? \text{mm}$
- c. $4.5\text{km} = ? \text{cm}$
- d. $4.5\text{cm} = ? \text{m}$



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- a. $5 \times 1\frac{1}{4} =$
- b. Write the number 4,402,093.2 in words.
- c. What number, between 20 and 30, is a cube number?



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- a. $0.56 \times 10 =$
- b. The daytime temperature is 19°C . The temperature falls by 27°C during the night. To what temperature does it fall?
- c. $??? \div 100 = 9.8$



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- a. Write 3 one-place decimals that total 1.
- b. Find the blanks:
 $?4? - 2?1 = 181$
- c. What is 0.4 as a fraction in its simplest form?



Challenge! Year 5 via [teachmrn.com](https://www.teachmrn.com)

- $1 \text{ inch} \approx 2.5\text{cm}$ $1 \text{ mile} \approx 1.6\text{km}$
- a. $10\text{cm} = ? \text{ inches}$
- b. $7 \text{ miles} = ? \text{ km}$
- c. $6.4\text{km} = ? \text{ miles}$
- d. $2 \text{ miles} = ? \text{ m}$
- e. $7 \text{ inches} = ? \text{ mm}$

