

Y6 Mental Maths – 20 questions, try to do 4 every day



- 1) $94 \times 6 =$
 - 2) What is $\frac{2}{8}$ of 48? Or of 72? Or of 104?
 - 3) If $\frac{1}{9}$ of 162 = 18, what is the value of $\frac{3}{9}$?
 - 4) What is 0.21×5 ?
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- 1) How many minutes are there in $3 \frac{1}{2}$ hours?
 - 2) $23.3 + 24 + 25.5 =$ or $(1.53 + 15.4 + 1.55 =)$ or $(213 + 46 + 15 =)$
 - 3) $5.6 - 1.7 =$ or $15.6 - 7 =$ or $2.6 - 2.07 =$
 - 4) $1.23 \times 100 =$ or $23.05 \times 10 =$ or $10.2 \times 10 =$
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- 1) What is double 36? Or double 68? Or double 248?
 - 2) What is 5 squared + 8 =
 - 3) How many seconds are there in 11 minutes?
 - 4) What is $42 + (18 \div 2) =$
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- 1) Count on 19 from 267 or, count on 9 from 0.27 or, count on 19 from 26.07
 - 2) What is 68×0.6 ?
 - 3) What number is halfway between 1.65 and 2.75?(RT Add and halve)
 - 4) What is 98 less than 355?
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- 1) What is 15% of 1,400 or 15% of 120
 - 2) What is one eighth of 64?
 - 3) Next find three eighths of 64.
 - 4) Finally, find 7 eighths of 64.



Y6 Maths – 4 Rules – Try to do 2 questions a day



Addition

- 1) $34.82 + 9.2 =$ or $3,406 + 12.66 =$ or $249.1 + 32.5 =$
2) $47 + 379 =$ or $14,917 + 22,579 =$ or $5635 + 5299 =$

Subtraction

- 1) $5 - 2.4 =$ or $3,778.4 - 1,994.2 =$ or $6.2 - 0.9 =$
2) $22\,829 - 539 =$ or $42.74 - 9.06 =$ or $88 - 29 =$

Multiplication

- 1) $0.4 \times 5 =$ or $14.5 \times 7 =$ or $216 \times 3 =$
2) $57 \times 44 =$ or $233 \times 26 =$ or $5.5 \times 5 =$

RT:

Correct setting out, one digit per square and with numbers lined up in their correct place value places.

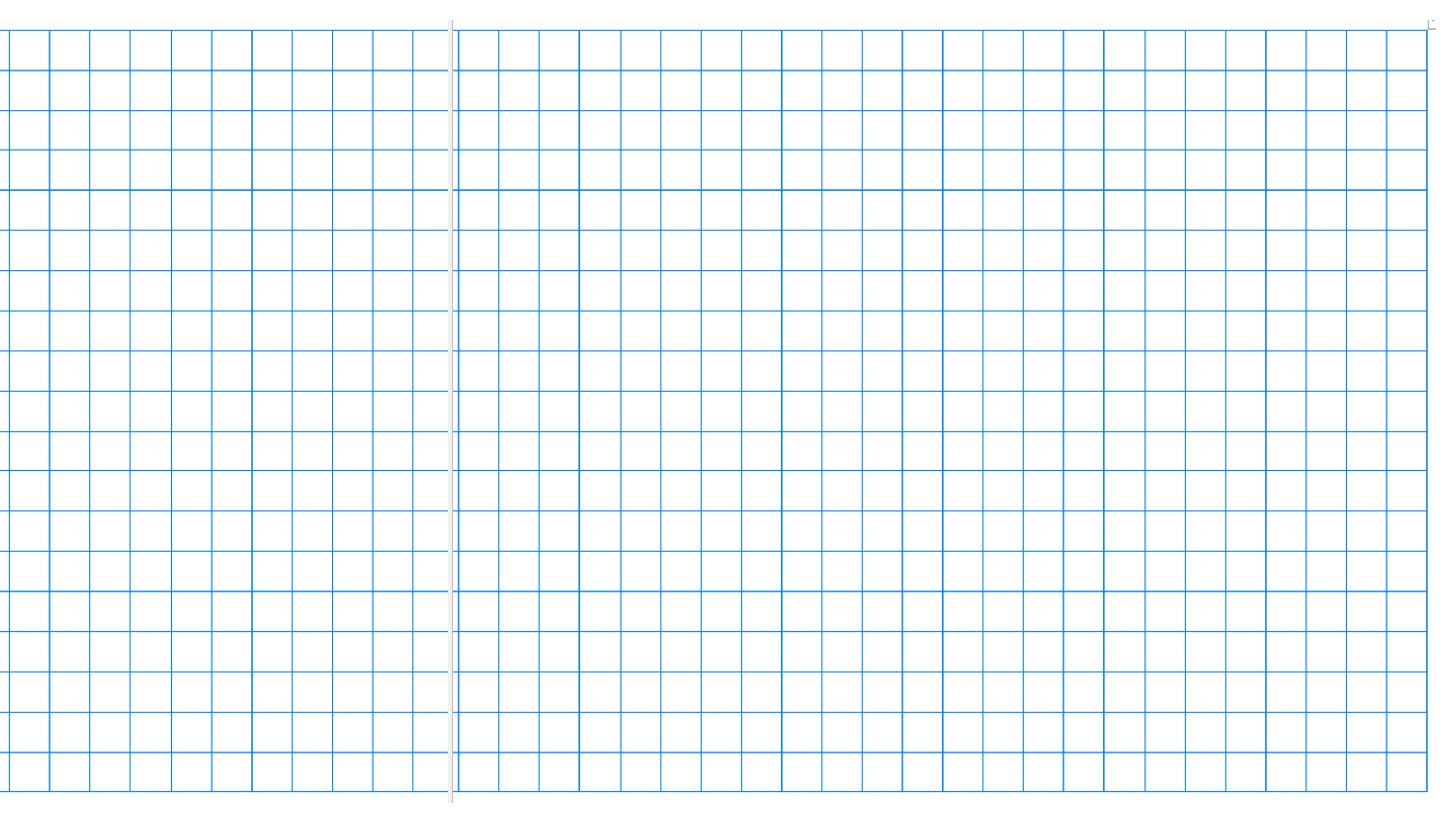
Division (with and without remainders)

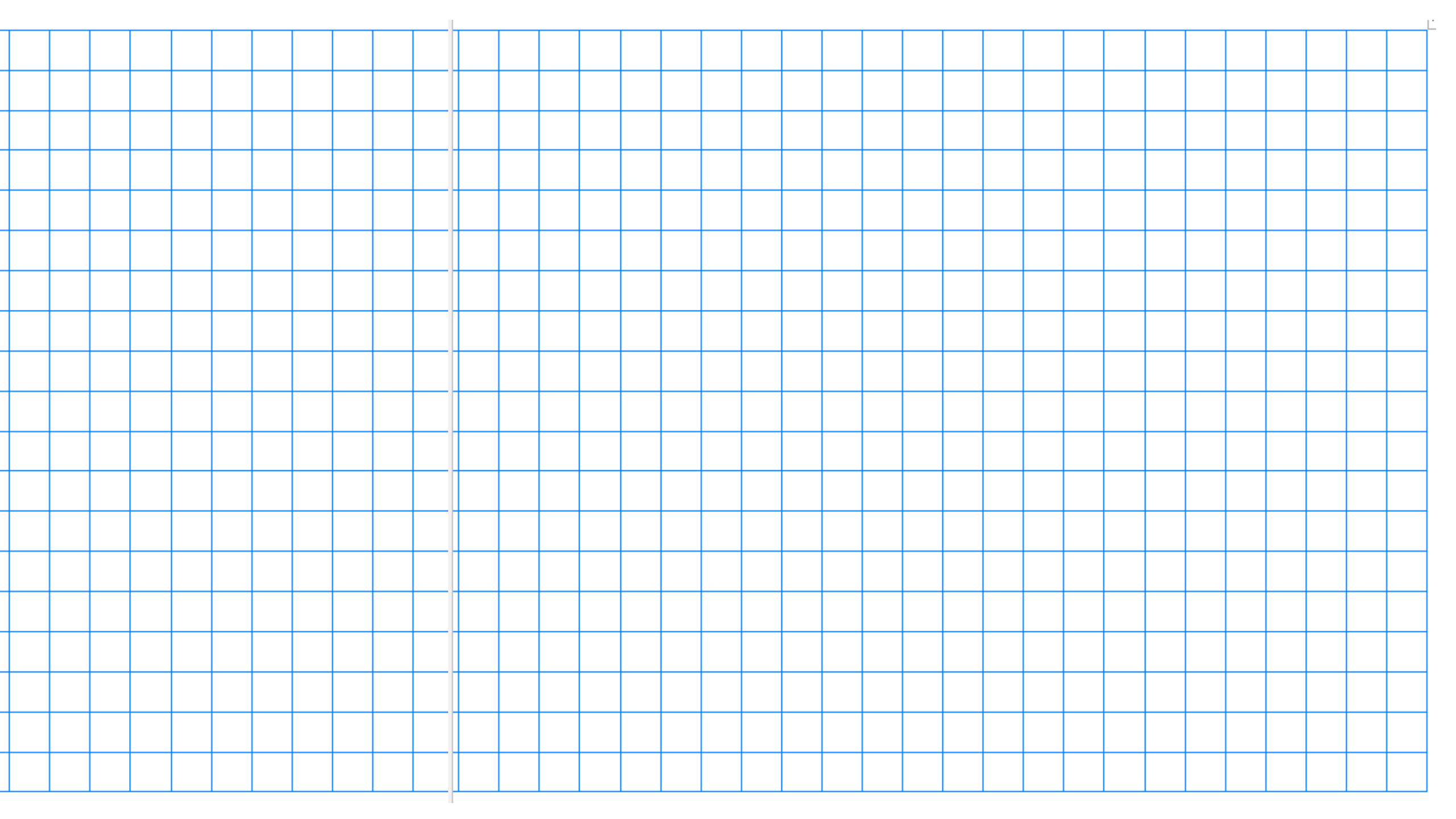
- 1) $5,238 \div 54 =$ or $324 \div 15 =$ or $415 \div 3 =$
2) $0.09 \div 10 =$ or $2.76 \div 6 =$ or $678 \div 8 =$

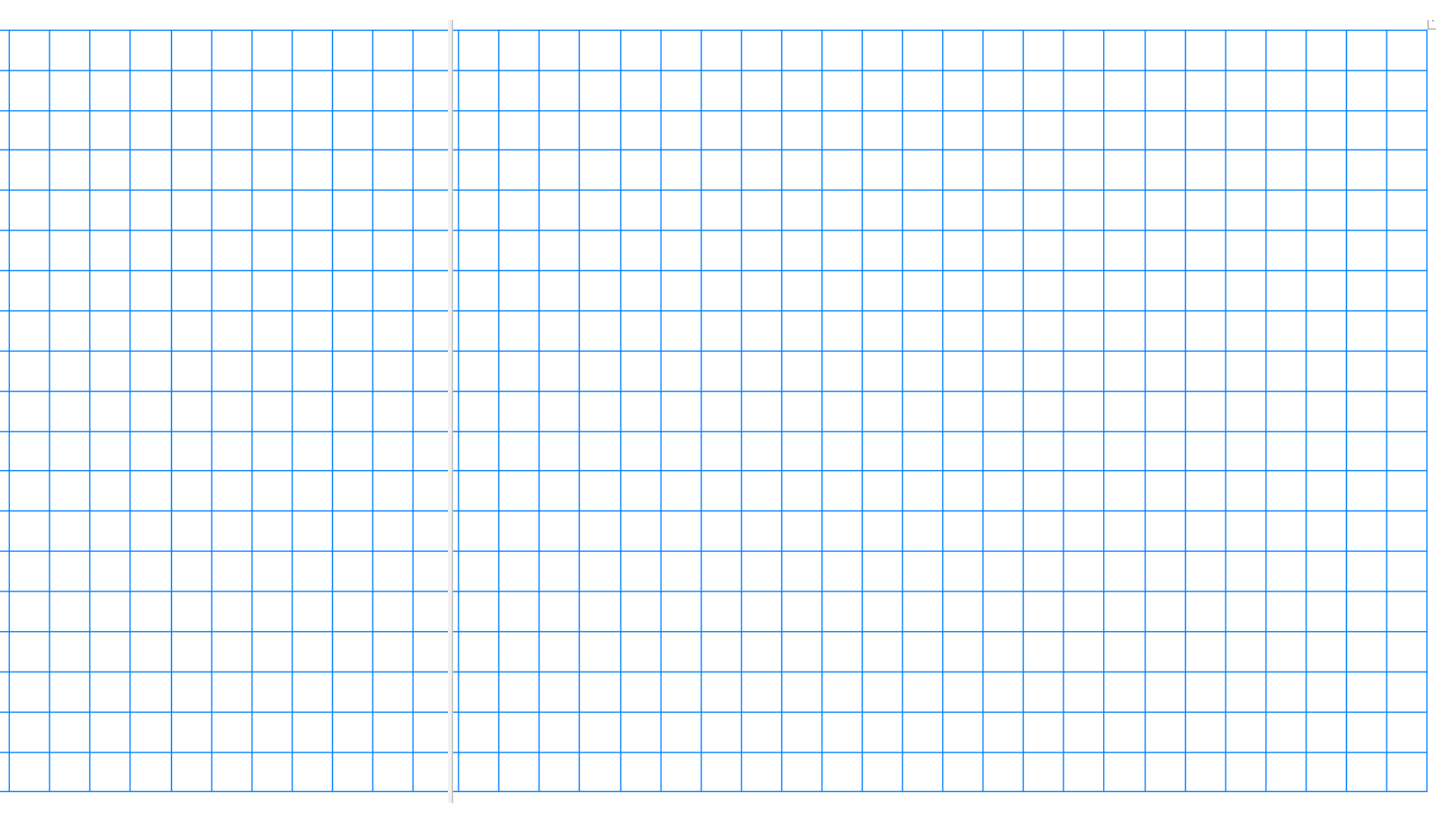


Fractions

- 1) Find one ninth of (RT divide by 9): **225** or **171** or **63**
2) Find three quarters of (RT divide by 4 and times by 3)
88 or **136** or **368**







Answers: Y6 Mental Maths – 20 questions, try to do 4 every day



- 1) $94 \times 6 = 564$
 - 2) What is $\frac{2}{8}$ of 48? **12** Or of 72? **18** Or of 104? **26**
 - 3) If $\frac{1}{9}$ of 162 = 18, what is the value of $\frac{3}{9}$? **54**
 - 4) What is 0.21×5 ? **1.05**
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- 1) How many minutes are there in $3 \frac{1}{2}$ hours? **210**
 - 2) $23.3 + 24 + 25.5 = 72.8$ or $1.53 + 15.4 + 1.55 = 18.48$ or $213 + 46 + 15 = 274$
 - 3) $5.6 - 1.7 = 3.9$ or $15.6 - 7 = 8.6$ or $2.6 - 2.07 = 0.53$
 - 4) $1.23 \times 100 = 123$ or $23.05 \times 10 = 230.5$ or $10.2 \times 10 = 102$
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- 1) What is double 36? **72** Or double 68? **136** Or double 248? **496**
 - 2) What is 5 squared + 8 = **33**
 - 3) How many seconds are there in 11 minutes? **660**
 - 4) What is $42 + (18 \div 2) = 51$
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- 1) Count on 19 from 267 **286** or, count on 9 from 0.27 **9.27** or, count on 19 from 26.07 **45.07**
 - 2) What is 68×0.6 ? **40.8**
 - 3) What number is halfway between 1.65 and 2.75? (RT Add and halve) **2.2**
 - 4) What is 98 less than 355? **257**
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- 1) What is 15% of 1,400 **210** or 15% of 120 **18**
 - 2) What is one eighth of 64? **8**
 - 3) Next find three eighths of 64. **24**
 - 4) Finally, find 7 eighths of 64. **56**



Answers: Y6 Maths – 4 Rules – Try to do 2 questions a day



Addition

- 1) $34.82 + 9.2 = 44.02$ or $3,406 + 12.66 = 3,418.66$ or $249.1 + 32.5 = 281.6$
2) $47 + 379 = 426$ or $14,917 + 22,579 = 52,413$ or $5635 + 5299 = 10,934$

Subtraction

- 1) $5 - 2.4 = 2.6$ or $3,778.4 - 1,994.2 = 1,784.2$ or $6.2 - 0.9 = 5.3$
2) $22,829 - 539 = 22,290$ or $42.74 - 9.06 = 33.68$ or $88 - 29 = 59$

Multiplication

- 1) $0.4 \times 5 = 2$ or $14.5 \times 7 = 101.5$ or $216 \times 3 = 648$
2) $57 \times 44 = 2,508$ or $233 \times 26 = 6,058$ or $5.5 \times 5 = 27.5$



RT:

Correct setting out, one digit per square and with numbers lined up in their correct place value places.

Division (with and without remainders)

- 1) $5,238 \div 54 = 97$ or $324 \div 15 = 21 \text{ r } 9$ or $415 \div 3 = 138 \text{ r } 1$
2) $0.09 \div 10 = 0.009$ or $2.76 \div 6 = 0.46$ or $678 \div 8 = 84 \text{ r } 6$

Fractions

- 1) Find one ninth of (RT divide by 9): $225 \div 9 = 25$ or $171 \div 9 = 19$ or $63 \div 9 = 7$
2) Find three quarters of (RT divide by 4 and times by 3)
 $88 \div 4 = 22$ or $66 \div 4 = 16.5$ or $136 \div 4 = 34$ or $368 \div 4 = 92$
 $22 \times 3 = 66$ or $16.5 \times 3 = 49.5$ or $34 \times 3 = 102$ or $92 \times 3 = 276$