

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



1) Find $\frac{3}{4}$ of 32 =

2) What is $1 - 0.84$ or $2 - 1.67 =$

3) What is the value of x if $(X - 6) + 15 = 18$

4) What is 70% of 150?

1) Round 6.283 to the nearest decimal place

2) What is the missing number $7.3 _ 8.1 _ 8.5 _ 8.9$

3) How many faces does a triangular prism have?

4) The time is ten past seven what time will it be in forty-five minutes?

1) What is double 68? Or double 1.56? Or double 46.7?

2) What is the mean of 13,7,8 and 4 (average)

3) How much is half of a quarter

4) What do angles around a point add up to?

1) Count on 23 from 427 or, count on 0.6 from 1.6 or, count on 23.1 from 31.5

2) Sam and mark are brothers their ages add up to 23. Sam is five years older than mark, how old are they?

3) What number is halfway between 14.84 and 12.02?(RT Add and halve)

4) What is 63 less than 95?

1) $3 \frac{2}{5} + 2 \frac{1}{5} =$

2) A rectangular swimming pool measures 5.5 metres by 3.5 meters. What is the perimeter?

3) Which is the smallest? 0.37 0.194 0.6 0.473 0.29

4) The ratio of lions to tigers in the zoo is 1:3, if there are 4 lions, how many tigers will there be?

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



Addition

1) $563 + 17.5 =$ or $7,428.51 + 957.29 =$ or $462.19 + 22.24 =$

2) $82 + 267 =$ or $11,625 + 17,019 =$ or $24.508 + 4.678 =$

Subtraction

1) $22.71 - 5.17 =$ or $502.2 - 22.81 =$ or $8.8 - 6.5 =$

2) $64,717 - 594 =$ or $58.26 - 2.88 =$ or $49 - 12.27 =$

Multiplication

1) $0.8 \times 6 =$ or $7.2 \times 7 =$ or $645 \times 4 =$

2) $73 \times 65 =$ or $172 \times 42 =$ or $12 \times 5 =$

RT:

The maths methods are on the Y5/6 class webpages if you forget how to do them.

Division (with and without remainders)

1) $589 \div 12 =$ or $334 \div 13 =$ or $239 \div 40 =$

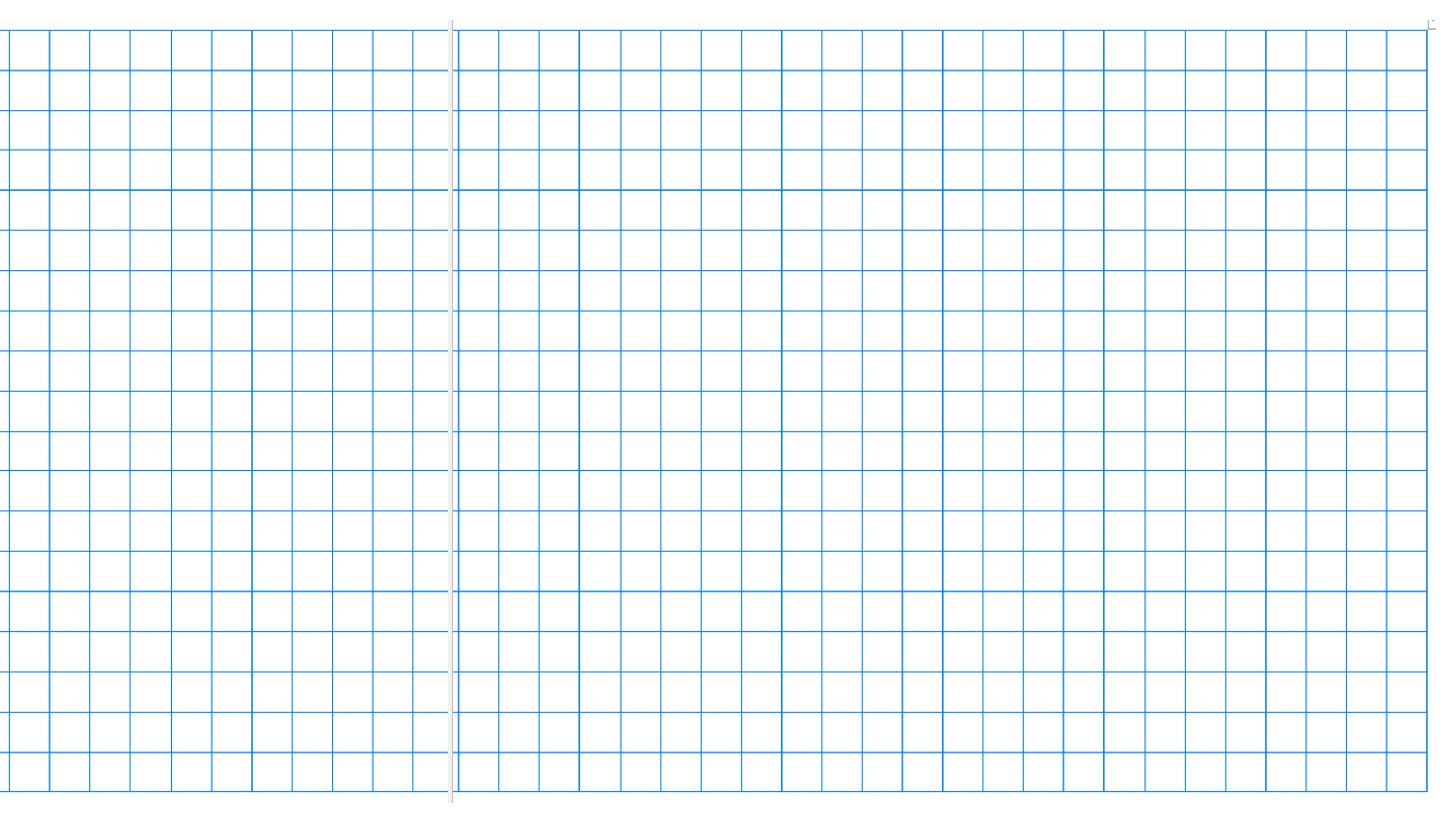
2) $126 \div 21 =$ or $550 \div 14 =$ or $648 \div 12 =$

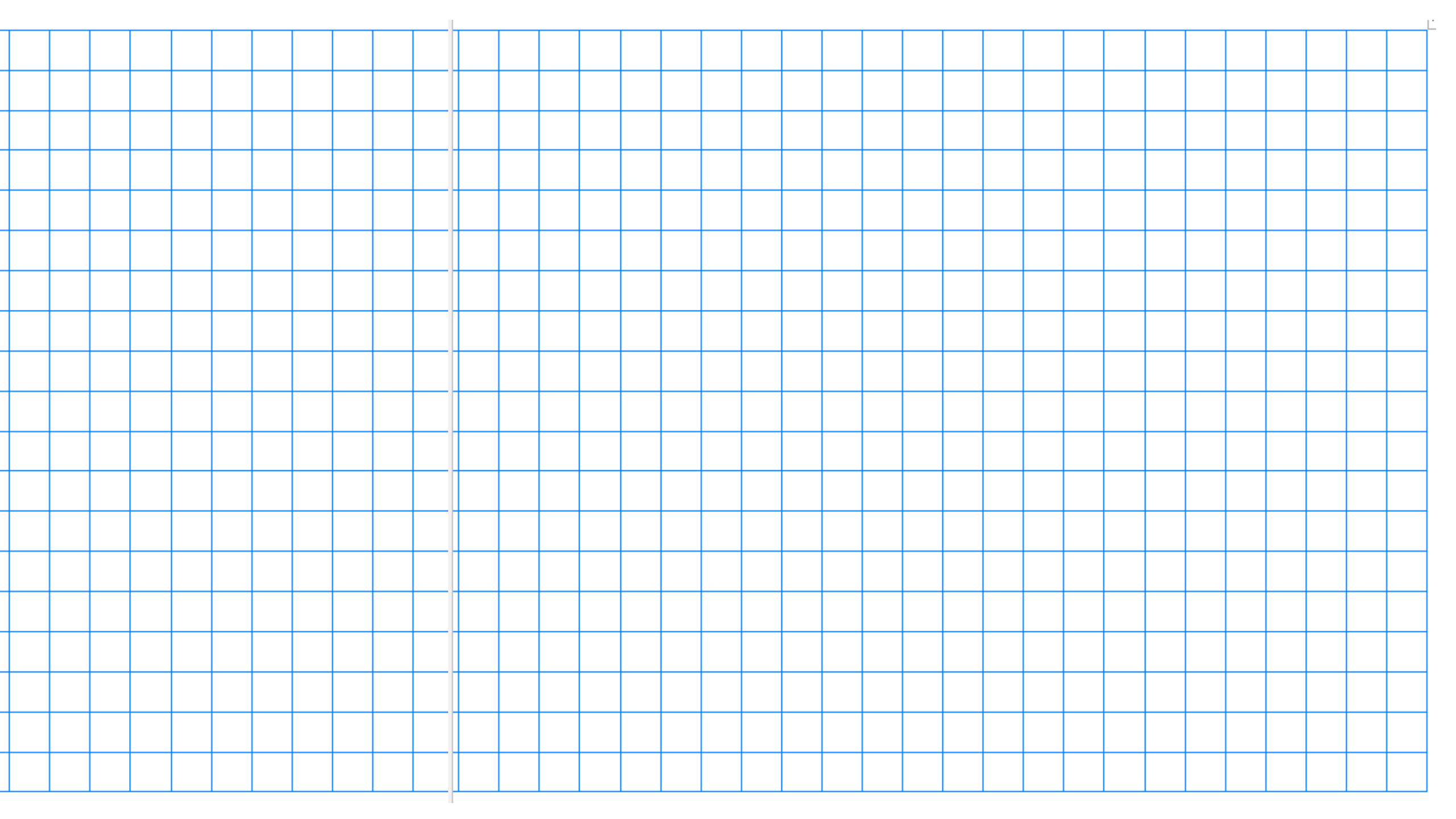
Fractions

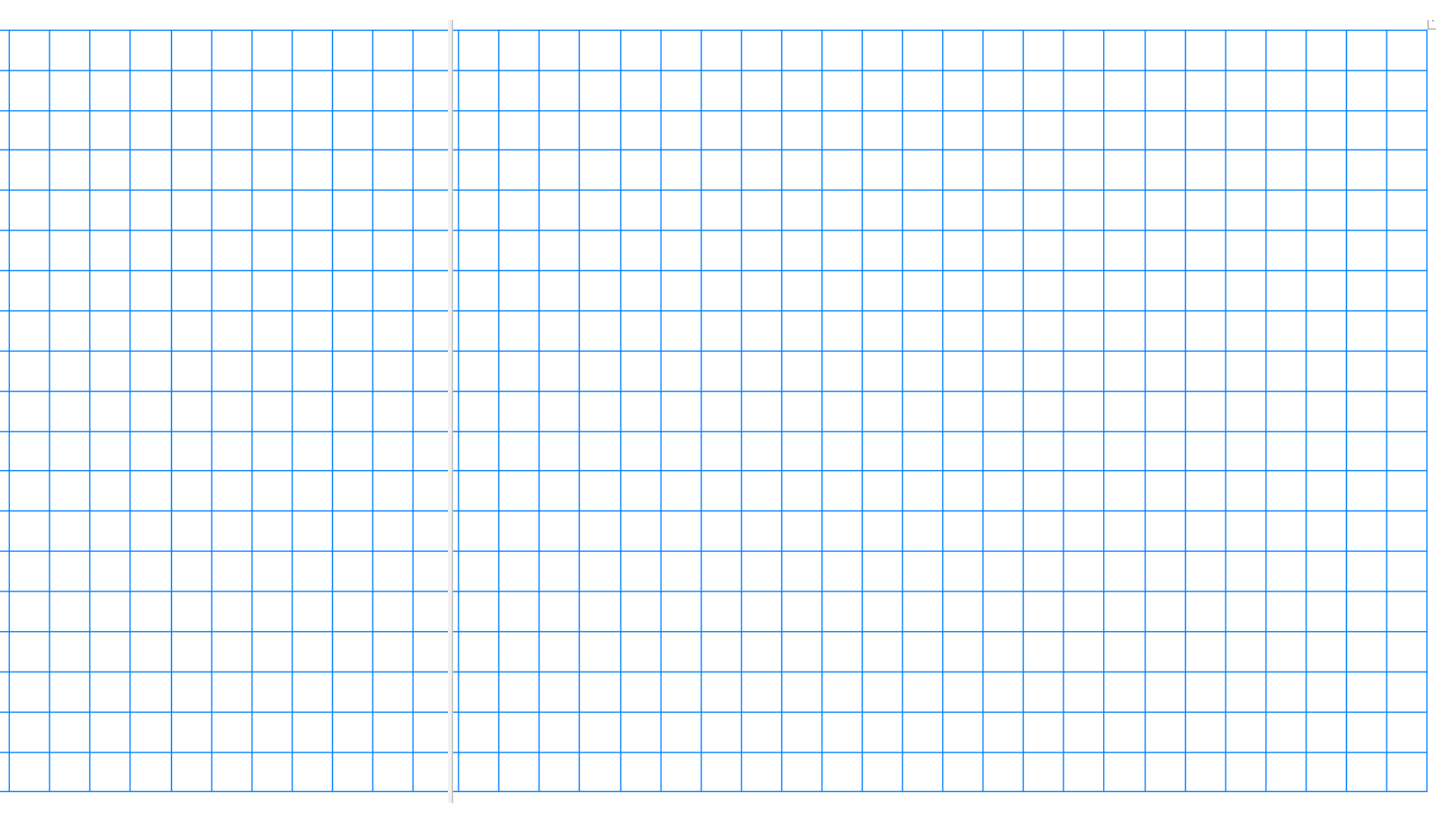
1) Find one ninth of (RT divide by 9): **144** or **198** or **81**

2) Find three ninth of (RT divide by 9 and times by 3)

108 or **45** or **63**







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



- 1) Find $\frac{3}{4}$ of 32 = **24**
 - 2) What is $1 - 0.84$ or $2 - 1.67$ = **0.16** or **0.33**
 - 3) What is the value of x if $(X - 6) + 15 = 18$ **x = 9**
 - 4) What is 70% of 150? **105**
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- 1) Round 6.283 to the nearest decimal place **6.3**
 - 2) What is the missing number 7.3 _ 8.1 _ 8.5 _ 8.9 **7.7**
 - 3) How many faces does a triangular prism have? **5**
 - 4) The time is ten past seven what time will it be in forty-five minutes? **7.55**
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- 1) What is double 68? Or double 1.56? Or double 46.7?
136 or **3.12** or **93.4**
 - 2) What is the mean of 13,7,8 and 4 (average) **8**
 - 3) How much is half of a quarter **$\frac{1}{8}$**
 - 4) What do angles around a point add up to? **360 degrees**
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- 1) Count on 23 from 427 or, count on 0.6 from 1.6 or, count on 23.1 from 31.5
450 or **2.2** or **54.6**
 - 2) Sam and mark are brothers their ages add up to 23. Sam is five years older than mark, how old are they? **Sam is 14, Mark is 9**
 - 3) What number is halfway between 14.84 and 12.02?(RT Add and halve) **13.43**
 - 4) What is 63 less than 95? **32**
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- 1) $3 \frac{2}{5} + 2 \frac{1}{5} =$ **$5 \frac{3}{5}$**
 - 2) A rectangular swimming pool measures 5.5 metres by 3.5 meters. What is the perimeter? **18 metres**
 - 3) Which is the smallest? 0.37 0.194 0.6 0.473 **0.29**
 - 4) The ratio of lions to tigers in the zoo is 1:3, if there are 4 lions, how many tigers will there be? **12**

Answers Y6 Maths – 4 Rules – Try to do 2 question



RT:

The maths methods are on the Y5/6 class webpages if you forget how to do them.

Addition

- 1) $563 + 17.5 =$ or $7,428.51 + 957.29 =$ or $462.19 + 22.24 =$
580.5 or **8385.8** or **484.43**
- 2) $82 + 267 =$ or $11,625 + 17,019 =$ or $24.508 + 4.678 =$
349 or **28644** or **29.186**

Subtraction

- 1) $22.71 - 5.17 =$ or $502.2 - 228.1 =$ or $8.8 - 6.5 =$
17.54 or **274.1** or **2.3**
- 2) $64,717 - 594 =$ or $58.26 - 2.88 =$ or $49 - 12.27 =$
64123 or **55.38** or **36.73**

Multiplication

- 1) $0.8 \times 6 =$ or $7.2 \times 7 =$ or $645 \times 4 =$
4.8 or **50.4** or **2580**
- 2) $73 \times 65 =$ or $172 \times 42 =$ or $12 \times 5 =$
4745 or **7224** or **60**

Division (with and without remainders)

- 1) $589 \div 12 =$ or $334 \div 13 =$ or $239 \div 40 =$
49 r1 or **25 r9** or **5 r39**
- 2) $126 \div 21 =$ or $550 \div 14 =$ or $648 \div 12 =$
6 or **39 r4** or **54**

Fractions

- 1) Find one ninth of (RT divide by 9): **144** or **198** or **81**
16 or **22** or **9**
- 2) Find three ninth of (RT divide by 8 and times by 3)
108 or **45** or **63**
36 or **15** or **21**