



Turbo Maths

Assessment (5 mins)

Assessment: M14

Stick into maths assessment book, show method to give a full answer.

Calculate these using a formal written method:

1. $953 \times 3 =$
2. $5486 \times 5 =$
3. $26 \times 36 =$
4. $785 \times 24 =$
5. $6243 \times 35 =$



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Vocabulary

Explain the meaning of... NUMBER

compare and order

reasoning

multi-digit numbers

problem

rounding in context

estimate

value

multi-step problems

mental calculations

order of operations



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Statistics

Explain

Sam lives in Lancaster. He has a job interview at an office which is a 20-minute walk from Manchester Piccadilly train station. His interview starts at 10:15am.

Here is the train timetable:

Penrith	7:19	7:45	8:11	8:32
Lancaster	7:58	8:24	8:50	9:11
Preston	8:18	8:44	9:10	9:31
Wigan	8:30	8:56	9:22	9:43
Manchester Piccadilly	9:01	9:27	9:53	10:14
Manchester Airport	9:07	9:43	10:09	10:30

At what time does Sam need to arrive at Lancaster train station?



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Operations

What can I buy?

Sports Bottle = £1.15

Drink = £1.50

Football = £4.50

Burger = £0.99

Badge = 50p

Chips = £1.25

I have £10 to spend.



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What could the question be?

427 children visit a castle.
They go in groups of 15
One group has less than 15
Every group of children has one adult with them.

Mr Todd buys 7 drinks at 48p each and 8 drinks at 52p each.

You **must** show your working.



Odd one out





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Fractions

I know... so...

$$2 \frac{1}{5} = \frac{\square}{5}$$

$$2 \frac{4}{5} = \frac{14}{5}$$

$$3 \frac{1}{5} = \frac{\square}{\square}$$



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Mental
calculations

Can you solve the problem?



What do you estimate that B represents when:

A = 0 and C = 1,000

A = 30 and C = 150

A = -7 and C = 17

A = 0 and C = 5,000

A = 1,000 and C = 100,000



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Number
Negative

What is the difference between?

-70 and 120

-70 and -20

-70 and 160



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Reasoning

Create a number which is closest to 1021 using the following numbers?

3

4

6

7

9



Estimate

Estimate the perimeter of the rectangle:

$$\text{area} = 48\text{cm}^2$$



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Number

Factors and Multiples Game

See website

[https://nrich.maths.org/factors
andmultiples](https://nrich.maths.org/factorsandmultiples)



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Pattern

Which is the odd one out?

See website

http://www.transum.org/Software/sw/Starter_of_the_day/Starter_April30.asp



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Number fluency

Countdown...

Can you use any of these numbers to reach the target?

How close can you get to the target?

You can use all four operations!

<http://happysoft.org.uk/countdown/numgame.php>