

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



Vocabulary

Explain the meaning of... NUMBER

compare and order reasoning

multi-digit numbers

problem rounding in context

estimate

multi-step problems value

mental calculations order of operations



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?

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.



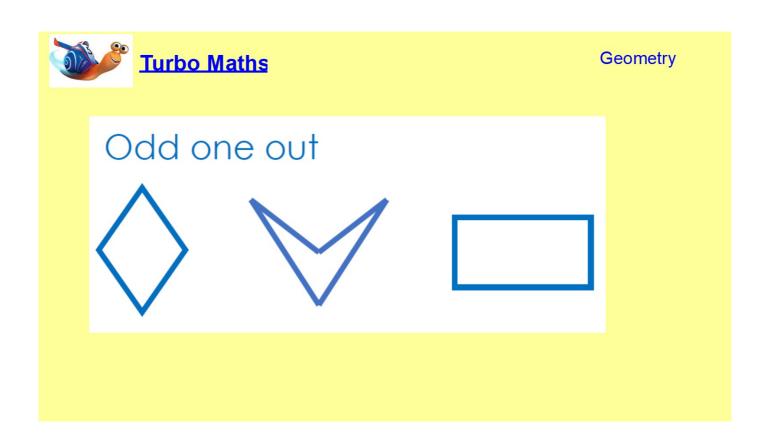
Turbo Maths

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 <u>one</u> adult with them.

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

You must show your working.



Turbo Maths

Fractions

I know... so...

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

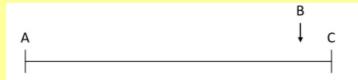
$$2\frac{4}{5} = \frac{14}{5}$$

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



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



What is the difference between?

-70 and 120

-70 and -20

-70 and 160



Reasoning

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

6 7

Measures



Estimate

Estimate the perimeter of the rectangle:

 $area = 48cm^2$



Factors and Multiples Game

See website

https://nrich.maths.org/factors andmultiples



Which is the odd one out?

See website

http://www.transum.or g/Software/sw/Starter _of_the_day/Starter_ April30.asp



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