



Maths: Week Six

Rounding!

(Theme: The TT)



Year 5 HOME LEARNING

Maths warm ups

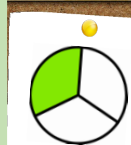
If **1,500** is the answer,
What could be the question?
(e.g. $3,000 \div 2$, or $1,499 + 1$)
Come up with lots of questions,
see if you can include $+$ $-$ $\times$ $\div$

True or false?

-90°C is **warmer**
than **-8°C** ?



Which
could be
the odd
one out?
Why?



22 out
of 66



$\frac{1}{3}$

Ar Banks

Properties of numbers

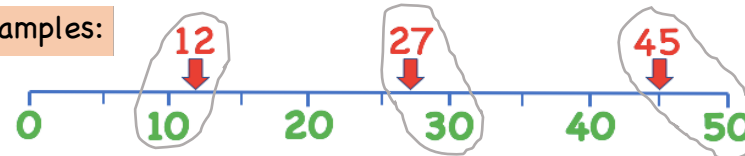
Handy hints: for rounding numbers

Rounding is a very useful everyday skill. We round up or down to reach the nearest 'round' number.

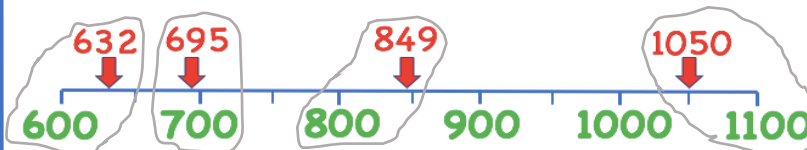
For example, if there were **49,872** people at a Liverpool match, we could say there were 'around **50,000**' people at the match.

Or if a new iPhone cost **£419.99**, you could say it cost 'around **£400**'. This is rounding!

Examples:

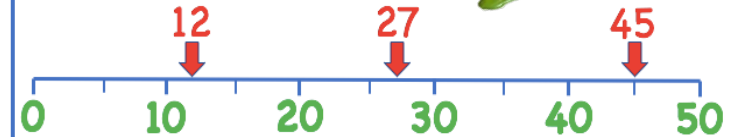


- **12** is between 10 and 20, but it is **closer to 10**.
- **27** rounded to the nearest 10 is **30**.
- **45** is halfway between 40 and 50. If it is halfway, we round **up**. So, 45 to the nearest 10 is **50**.



- **632** rounded to the nearest 100 is **600**.
- **695** rounded to the nearest 100 is **700**.
- **849** rounded to the nearest 100 is **800**.
- **1,050** rounded to the nearest 100 is **1,100**.

Mild



1. What is...
 - a) **12** to the nearest 10?
 - b) **27** to the nearest 10?
 - c) **45** to the nearest 10?

2. 58 riders took part in the senior race at the 2019 TT.

How many is that rounded to the nearest 10?



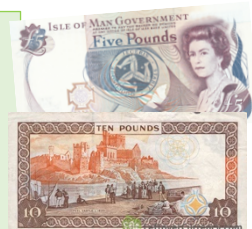
3. During TT 2019, IoM police made around 150 arrests (rounded to the nearest 10).

How many arrests could they have made? (what numbers can be rounded to 150?)



4. Apparently, the average visitor to the TT spends £812 while they are here.

What is £812 rounded to the nearest £10?



Spicy

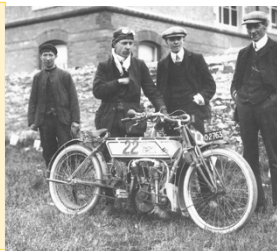


1. What is....

- a) 54 to the nearest 10?
- b) 273 to the nearest 10?
- c) 766 to the nearest 100?

2. The first ever TT event was held in 1907.

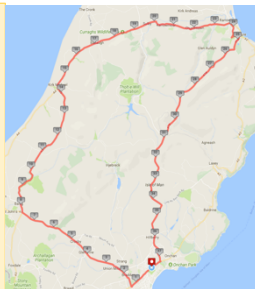
To the nearest 10, how many years old is the TT this year?



3. The TT Mountain course is 37.73 miles long.

What is that to the nearest mile?

What is that to the nearest 10 miles?



4. Prize money available at the TT is around £60,000.

Which of these numbers could be the exact amount of prize money? (which rounds to £60,000?)

- a) £57,400
- b) £54,900
- c) £65,000



Extra Spicy



1. What is....

- a) 211 to the nearest 10?
- b) 46,273 to the nearest 10?
- c) 7,650 to the nearest 100?

2. Jacob paid to go on three funfair rides on Douglas prom.

He spent around £20.00, when rounded to the nearest 10.

Which three rides did Jacob go on?

Ghost Train: £5.80

Bomber: £12.95

Extreme: £9.50

Miami: £6.25

3. Around 46,000 visitors came to the TT in 2019.

If rounding to the nearest 100, which of these does not round to 46,000?

- a) 46,042
- b) 45,952
- c) 46,174



4. Guy Martin is thinking of number.

It is 1,150 when rounded to the nearest 10.
It is 1,200 when rounded to the nearest 1,200.
It is 1,000 when rounded to the nearest 1,000.

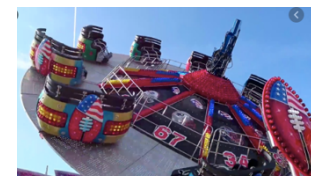
What could Guy's number be? Find all possibilities!



BONUS ROUND



Ice Maze: £5.50



SuperBowl: £7.00



Pendulum: £9.45



Bungee Ball: £24.80



Trampolines: £4.60



Dodgems: £6.60

If you'd like to go further: Bonus Round!

Take your family and friends on a virtual trip to the funfair on Douglas Prom. You can go on any of these rides, as many times as you like!

Are you brave enough for the Bungee Ball? Are there any rides the whole family would go on together?

Add up how much you have spent, and then round it to the nearest £1, £10 and £100!