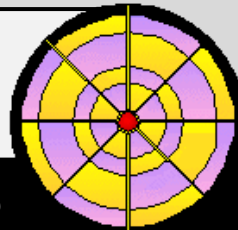


# The Daily Rigour

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Your free weekly numeracy newspaper!

## Prices that take you back - the 10p Freddo!

To celebrate their 100<sup>th</sup> birthday, Tesco have brought out a range of special offers - including reducing the Freddo chocolate bar back to its iconic price of 10p for one week only!



RETAIL

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The price of a Freddo remained at 10p until 2005, when the price of a Freddo bar roughly increased in price by 2p a year.

- (a) What is the "rough" cost of a Freddo bar today?
- (b) How much change would this give you from £1?



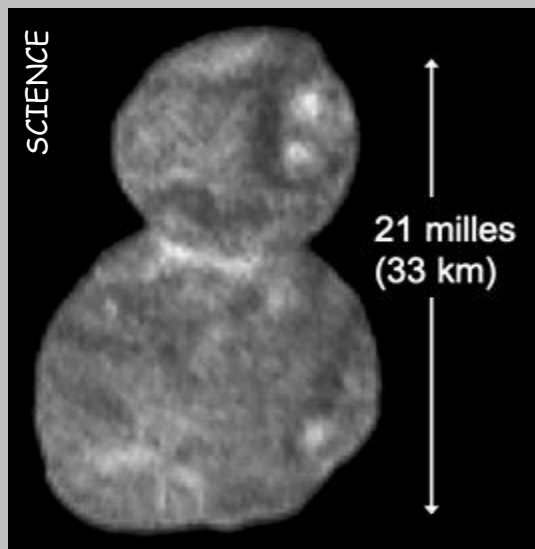
## Nasa's New Horizons: Best image yet of 'space snowman'

The New Horizons space probe has sent back its best picture yet of a small, icy object named Ultima Thule which scientists think is two bodies lightly fused together - giving the look of a snowman.

The pictures are arriving back to earth very slowly due to the great distance involved between the earth and the space probe.

The space probe is currently 6.5 billion kilometres from planet earth and radio signals from the probe are taking 6 hours to reach us.

What is the average speed that the radio signals are travelling at?



## Parents could be fined £1000 per child for term-time holidays

Parents could be issued with heavier fines for removing their child from school during term-time to go on holiday under new plans. Currently, in one local authority, parents face a fixed penalty of £120 per child for taking children out of school for holidays while term is in session.

This council now reportedly proposes issuing penalties of £1000 per child, per parent.

Under these proposed new rules, how much would a family of 5 be fined for taking their 3 children on holiday during term-time?



## David Gilbert makes 147<sup>th</sup> official 147 maximum break

English snooker player David Gilbert has made the 147<sup>th</sup> official 147 maximum break, 37 years after Steve Davis registered the first in 1982.

At the start of a frame of snooker there are 15 red balls. There are also single yellow, green, brown, blue, pink and black balls.

A maximum break requires a player to pot all 15 reds with blacks and clear the colours. How many balls does a player need to pot in total to achieve a maximum break?

