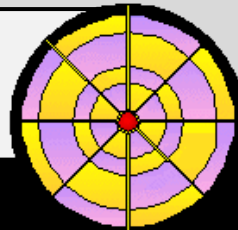


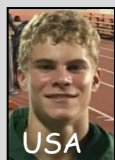
The Daily Rigour

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USA

Student runs 100m sprint just 0.4 seconds slower than Usain Bolt

An 18-year-old American student won a 100m sprint race with a time that is only 0.4 seconds slower than Usain Bolt's world record.

Matthew Boling ran 100m in 9.98 seconds. What is Usain's world record time?

Tolerances for UK speed cameras revealed by some police forces

Tolerances for speed cameras used by police forces across the UK have been disclosed thanks to Auto Express.

The majority of forces said that their cameras only recognise a speeder when they exceed the limit by 10% plus an additional two miles per hour.

- (a) If a car is travelling at 34 m.p.h. in a 30 m.p.h. zone in Kent would they be detected by a speed camera? Give a reason for your answer!
- (b) What about a car is travelling at 80 m.p.h. in a 70 m.p.h. zone in Lancashire?

Police Force	No. of cameras	Activation Threshold
Avon and Somerset	41	10% + 2mph
Bedfordshire	38	Would not reveal
Cambridgeshire	32	Would not reveal
Cheshire	15	10% + 2mph
Cleveland	4	10% + 2mph
Derbyshire	18	10% + 2mph
Devon and Cornwall	98	10% + 2mph
Durham	0 fixed	10% + 2mph
Essex	63	Don't use standard threshold
Greater Manchester	235	Would not reveal
Gwent	21	10% + 2mph
Hampshire	36	10% + 2mph
Hertfordshire	53	Would not reveal
Kent	109	10% + 2mph
Lancashire	34	10% + 3mph
Leicestershire	30	10% + 2mph
Merseyside	18	10% + 2mph
Metropolitan Police/TfL	805	10% + 3mph
Norfolk	26	10% + 2mph
North Wales	28	10% + 2mph
Northumbria	55	10% + 2mph
Nottinghamshire	48	Refused to confirm if threshold exists
Police Service of Northern Ireland	12	10% + 2mph
Scotland	173	Refused to confirm if threshold exists

TRANSPORT

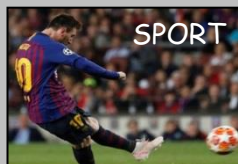
Ronaldo and Messi BOTH score their 600th club goals in the same week!

Cristiano Ronaldo scored the 600th club goal of his career as Serie A champions Juventus drew with Inter Milan last Saturday.



Ronaldo has now scored 27 goals for Juventus after five for Sporting Lisbon, 118 at Manchester United and the rest for Real Madrid.

- (a) How many goals did Ronaldo score for Real Madrid?



SPORT

4 days later, Lionel Messi also marked his 600th club goal with a magnificent free-kick to cap off Barcelona's 3-0 win over

Liverpool in the Champions League semi-final.

Messi has scored all of his club goals for Barcelona and a staggering 7% of his total goals have come from direct free kicks.

- (b) How many goals has Messi scored from direct free kicks?

Minecraft player loses five-year-long game

A man who has been playing a single continuous game of Minecraft for the past five years says he is devastated to have been finally "killed". Having walked 6316km, flown 7798km and jumped 732 389 times, he had got "a bit full of myself" and was eaten by a spider!

Over the 5 years, he played every day averaging 20 hours per week. How many hours did his game last in total?



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