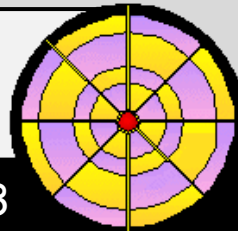


# The Daily Rigour

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Your free weekly numeracy newspaper!

## Pollution proposals aim to curb emissions from wood-burning stoves

The current trend for wood-burning stoves could come to a sudden end if proposals to clean up the environment come into force.

The aim is to reduce the amount of particulate matter in the atmosphere. The tiny particles can be inhaled and lead to heart disease, strokes and lung cancer.

Officials say 38% of particulate matter comes from domestic wood burners and open fires. Write this figure as a fraction.

ENVIRONMENT



## Doctors explain Michael Jackson's impossible dance move

Neurosurgeons have described in detail how Michael Jackson achieved biomechanically impossible dance moves in his music video Smooth Criminal.

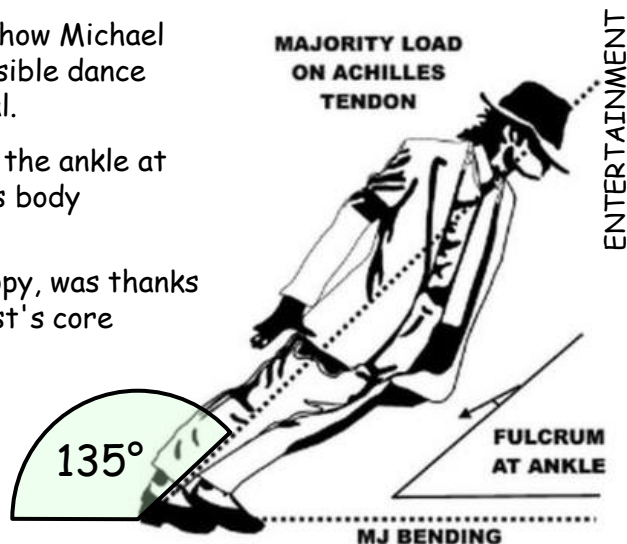
In the 1987 routine, Michael leans from the ankle at a "mind boggling" angle, while keeping his body straight as a rod.

The illusion, which many have tried to copy, was thanks to specially designed shoes and the artist's core strength.

Spine experts warn others against attempting the potentially injurious move.

The supplement of the "mind boggling" angle is 135°. Can you calculate the size of the angle that Michael Jackson leaned at?

MAJORITY LOAD  
ON ACHILLES  
TENDON



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## Samsung ordered to pay \$539m for copying iPhone features

Apple has been awarded damages of \$539m in its long-running legal dispute with rival Samsung.

A jury, which deliberated for almost five days, backed Apple's claim that Samsung had copied some of its technology used to power the iPhone.

The Samsung Galaxy S9 is currently available for £499.99. How many S9's would Samsung have to sell in order to pay their fine?



Exchange Rate:- £1 = \$1.33



TECHNOLOGY

## SPFL reveal crowds increased in season 2017/18

Scottish football crowds, on average, rose in the season just past the league has revealed.

The news comes as a boost as the Scottish Professional Football League attempt to secure a new and improved TV deal, which runs out in 2020.

A total of 4 445 149 supporters went to 788 matches, which marks a rise of 4 247 467 from the previous year.

Express the rise as a percentage of last year's attendances.

Round your answer to 1 decimal place!

