



ARE YOU A MATHS
& LOGIC MAESTRO?

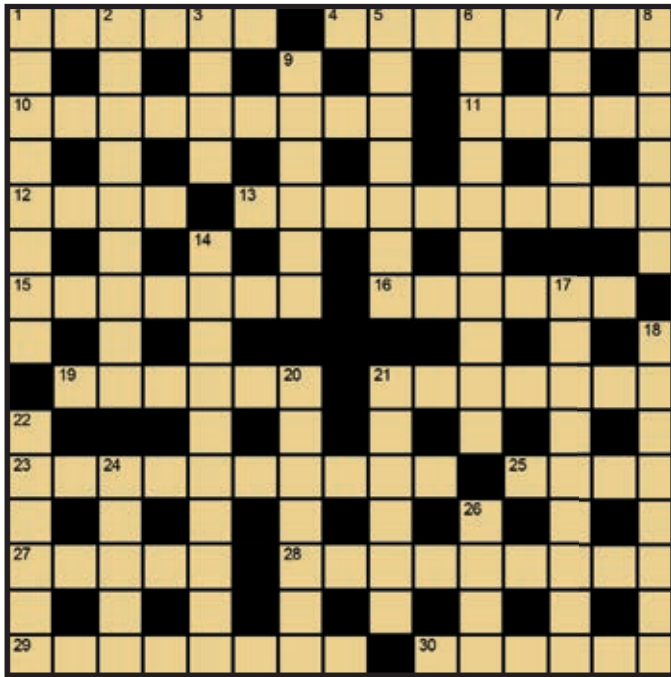
If you have a mind for maths, logical reasoning, cryptic clues and other conundrums, send them to us and we will publish the most difficult in these very pages.

If you are interested, contact social@theactuary.com

iq

Actuaries go global
Member puzzle 16

Courtesy of Aktoro



Eight solutions are connected actuarially

Across

- 1 26 dance lost a replacement, you heard (6)
- 4 26 blues played with sitars missing vital content (8)
- 10 Blocking results from a different start to managing attendance (9)
- 11 Countryside's encompassed half the planet (5)
- 12 Take to mean rights are missing – right? (4)
- 13 26 broke ribs internally with hammering – with no end of damage (10)
- 15 Glass snake that hurts (7)
- 16 Fear the introduction to radiation permeates 7 from the East (6)
- 19 Snub and unhesitatingly slander (6)
- 21 Drink in one – attention-seeker got there first (7)
- 23 26 hasn't returned after shower (10)
- 25 26 from European exhibits (4)
- 27 26 is fine in trendy coat, love (5)
- 28 9 grate chopped fruit (9)
- 29 Umming and ahhing, it's said, to identify a certain tag player and colonist (8)
- 30 26 Isaiah or Irving (6)

Down

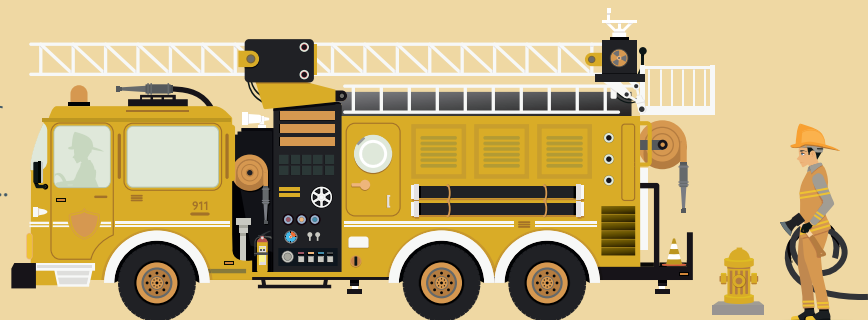
- 1 26 admonish without right – now wrong (4, 4)
- 2 Soundly knocked somewhere to go without one during the night (9)
- 3 Employed *The Actuary* to cover leaders in environmental debate (4)
- 5 Course of treatment named initially after the government (7)
- 6 It can be eaten – bound with bread (6, 4)
- 7 26 foxes are disturbed, hare and rabbit's scut (5)
- 8 The product of small farm pig, alternately (6)
- 9 "8 26 have an actuarial connection," quotes one insider (6)
- 14 Carry on cast out with start of grenade attack (5, 2, 3)
- 17 Piece by journalist and Aktoro with a hysterical ending (9)

- 18 What's next? Wrecked boozier and underage drinker drink last of wine (8)
- 20 Screw giant of the radio (7)
- 21 Catcalls on a pub crawl – the last one's missing (6)
- 22 2 shortly long for an unintended movement (6)
- 24 Dickensian who hits bull's-eye (5)
- 26 Now where? Not there! (4)

Good cause
Mensa puzzle 819

A fire engine travels seven miles to a fire at a speed of 45 mph. It started its journey with 500 gallons of water but its tank has been leaking throughout the journey at a rate of 22.5 gallons per hour. If the fire engine uses 496 gallons of water to put out the fire...

How much water will it have to spare?



Member puzzle 16 - Across: 11 Rural, 12 True, 13 Birmingham, 15 Windows, 16 Rome, 19 Slight, 21 Bellini, 23 Washington, 25 Rome, 27 Tokyo, 28 Tangerine, 29 Hesitant, 30 Berlin. Down: 1 Cape Town, 2 Nocturnal, 3 Used, 5 Regiment, 6 Spring roll, 7 Earth, 8 Salami, 9 Cities, 14 Tough t out, 17 Editorial, 18 Nineteen, 20 Tigh ten, 21 Booring, 22 Twitch, 24 Sykes, 26 Here. Mensa puzzle 819: Half-fagalon