MM

12

Brain Bogglers

49) This can only occur in February which is the only month with exactly 4 weeks (non-leap years)

Feb 15

5) 1929 is not divisible by so it is not a leap year

139th day of a non-leap year is May 19 139-31-28-31-30=19

52) Split S6 into 16+24+16

$$\frac{63}{100} \frac{42}{x} \quad 42 \times 100 \div 8 = 525$$

54) I Spider take 6 mins to spin I web

100 spiders: 200 webs 1 spider: 2 webs

6x2 = 12 mins

19 1 st represent the weight of a bat let y represent the weight of a ball

 $5\pi + 4y = 58 \text{ Kg}$ $4\pi + 5y = 50 \text{ Kg}$ $25\pi + 20y = 290 \text{ Kg}$ $-16\pi - 20y = -200$ 9% = 90

: a bat weighs 10 Km

56) Every 12 mins, they ent 3 pizzas (Abbas eats 1, M

24:12×3= 6 pizzas

5) $10.5 \times 7.5 = 79\frac{3}{4}$ $19\frac{3}{4} = 9 = 9\frac{3}{4}$ days

58) 6 black + 2 white = 8 marbles

59) | black + 1 white + 1 extra = 3