Brain Teaser
Stars and/or Stripes

Fourteen of the beach balls in a pool have stars. Eight of the beach balls have stripes. Two of the beach balls have neither stars nor stripes. If five of the beach balls have both stars and stripes, how many beach balls are in the pool?

Answer: 19

2 – beach balls with no stars or stripes

5 – beach balls with stars and stripes

3 – beach balls with stripes only

(8 with stripes minus 5 with stars and stripes)

9 – beach balls with stars only

(14 with stars minus 5 with stars and stripes)

Adapted from: https://www.rd.com/culture/brain-teasers/