



- 1 What is the value of the following?

$$125 \times 32 \times 25 \times 6.4$$





- 2** Rande, Sean and Tony are wearing orange, green, and red caps (though not necessarily in that order). Rande is not wearing the red cap. Sean says to Tony, "I like your orange cap." What colour of cap does Sean wear?



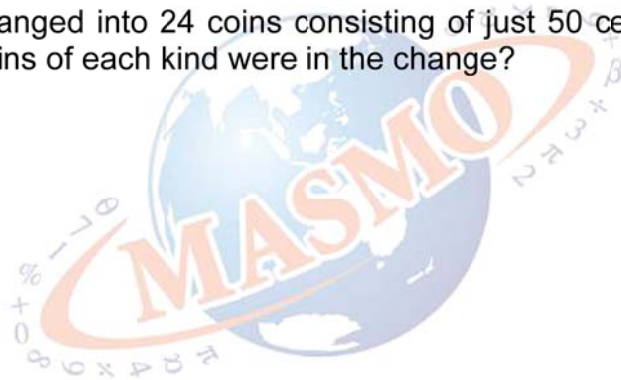


- 3** $3A8$ and $5B2$ are three-digit numbers. $5B2$ is the sum of $3A8$ and 174 . $5B2$ is divisible by 3. Find the digit A .





- 4 RM 4 was changed into 24 coins consisting of just 50 cents and 10 cents. How many coins of each kind were in the change?





- 5 $2^1 = 2$, $2^2 = 4$, $2^3 = 8$, $2^4 = 16$ and so forth. When multiplied out, 2^3 has a unit digit of 8, 2^4 has a units digit of 6 and so forth. What is the unit digit of 2^{2010} ?

