

Math Test – Level 2

1. The mean of four numbers is 11. If two numbers are each increased by 3, and two numbers are each decreased by 3, what is the new mean of the four numbers?
a) 5 b) 11 c) 14 d) 17
2. An old man has 8 children. One day a few of them visited him: his daughter, his son, a teacher, an engineer, a sister and a brother. What is the least number of the old man's children that could have visited him?
a) 2 b) 4 c) 6 d) 8
3. An antique dealer bought an old vase for \$25 and sold it for \$30. He later bought it back for \$40, and then resold it for \$45. What was the result for him after completing these transactions?
a) 5\$ loss b) no loss or profit c) 5\$ profit d) 10\$ profit
4. Two children and one man weigh the same as 5 children. If one child weighs 25 kg and each child weighs the same, then how much does the man weigh?
a) 50 kg b) 75 kg c) 100 kg d) 125 kg
5. Katie's recipe calls for 2 eggs and 4 oz of flour to make a sponge cake. If Katie wants to make more sponge cake by using 10 oz of flour, how many eggs should she use to keep the proportion of eggs to flour the same?
a) 4 b) 5 c) 6 d) 8
6. Sam, John, Arthur and Jack wear their favourite type of shoes: black walking shoes, white tennis shoes, blue sandals and black sandals. John and Arthur wear the same color. Sam and Arthur wear the same type of shoes. Which of the boys wears the white tennis shoes?
a) Sam b) John c) Arthur d) Jack
7. A little boy asked an old man how old he was. The man replied. "If I live to be 120, then my age is two times of the time I have left." How old is the man?
a) 40 b) 60 c) 80 d) 100
8. Three years ago, Jane's age was half of the age she will be in 3 years. How old is she now?
a) 3 b) 6 c) 9 d) 12
9. There is a pond on which a water lily is growing. The lily doubles in size each day. From the time that the first flower appears until the pond is covered takes 32 days. On what day is the field half covered?
a) 8 b) 16 c) 30 d) 31
10. There are 4 people at a meeting. If each person shakes hands with each of the other once, how many handshakes are exchanged?
a) 4 b) 6 c) 12 d) 16