

International Maths Wizard Olympiad (IMWO)

CLASS-9 SAMPLE QUESTION PAPER

The Actual Question Paper Contains
50 Questions. The duration of the
Test Paper is 60 Minutes.



CPS OLYMPIADS
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- Roney is the brother of James and Maclene is father of Roney. Robin is the brother of Parry and Parry is daughter of James. Who is the uncle of Robin?
(A) James (B) Maclene
(C) Roney (D) All of these
(E) None of these
- A man is three years elder than his wife and four times as old as his son. If the son shall attain an age of fifteen years after three years, what is the present age of his mother?
(A) 60 years (B) 51 years
(C) 48 years (D) 45 years
(E) None of these
- Nicolas cut a cake in two equal parts and one of these two pieces is again cut into equal parts. Each small part is of 20 grams. If there are seven parts of the whole cake, what was the weight of the original cake?
(A) 140 grams (B) 280 grams
(C) 240 grams (D) 300 grams
(E) None of these
- A and B can do a piece of work in 6 days and A alone can do it in 9 days. The time taken by B alone to do the work is _____.
(A) 18 days (B) 15 days
(C) 12 days (D) $7\frac{1}{2}$ days
(E) None of these
- The highest score in an inning was $\frac{3}{11}$ of the total and the next highest was $\frac{3}{11}$ of the remainder. If the score differed by 9, then the total score is _____.
(A) 99
(B) 110
(C) 121
(D) 132
(E) None of these
- A 150 metres long train crosses a man walking at the speed of 6 km/hr in the opposite direction in 6 seconds. The speed of the train in km/hr is _____.
(A) 66 (B) 84
(C) 96 (D) 106
(E) None of these
- A man rows downstream 30 km and upstream 18 km, taking 5 hours each time. The velocity of current is _____.
(A) 1.2 km/hr (B) 6 km/hr
(C) 3.6 km/hr (D) 2.4 km/hr
(E) None of these
- Eight people are planning to share equally the cost of a rental car. If one person withdraws from the arrangement and the others share equally the entire of the car, then the share of each of the remaining persons is increased by _____ of the original share.
(A) $\frac{1}{9}$ (B) $\frac{1}{8}$
(C) $\frac{1}{7}$ (D) $\frac{7}{8}$
(E) None of these
- The simple interest on a sum of money at 8% per annum for 6 years is half the sum. The sum is _____.
(A) \$ 4800
(B) \$ 6000
(C) \$ 8000
(D) Data inadequate
(E) None of these
- The simple interest of $x\%$ years will be \$ x on a sum of _____.
(A) \$ x (B) \$ $100x$
(C) \$ $\left(\frac{100}{x}\right)$ (D) \$ $\left(\frac{100}{x^2}\right)$
(E) None of these