

Leap Frog Relay 6-8 – II – 2006

No calculators allowed

Correct Answer = 4, Incorrect Answer = -1, Blank = 0

Please do not turn over until you are told to do so

1. An average person has about one heartbeat per second. How long does it take for an average person to have 1 million heartbeats?
 - (a) about 2 hours
 - (b) about 2 days
 - (c) about 2 weeks
 - (d) about 2 months
 - (e) about 2 years

2. In a chess-tournament between Mighty Juniors and Clever Youngsters, the team of Mighty Juniors won 76% of the games. The Clever Youngsters won 6 games. There were no ties. How many games were won by the Mighty Juniors?
 - (a) 17
 - (b) 19
 - (c) 21
 - (d) 23
 - (e) 25

3. The sum of 9 consecutive integers is 153. What is the product of the smallest and the largest of these integers?
 - (a) 240
 - (b) 273
 - (c) 289
 - (d) 340
 - (e) 420

4. Jerry plans to roll a pair of dice. What is the probability of obtaining 6 as the product of the two numbers showing on the two dice?
 - (a) $\frac{1}{36}$
 - (b) $\frac{1}{6}$
 - (c) $\frac{1}{3}$
 - (d) $\frac{1}{9}$
 - (e) $\frac{1}{18}$

