

Problems with decimal place control

Inspector Tenth

Maximal number of decimal places: 1

1 Problem – Accelerating airplane

An airplane, initially at rest in the airport, started to move along a runway with the constant acceleration equal to 4.2 m/s^2 . Calculate the airplane's speed after the time of 4 s.

2 Problem – Cycling speed

Max went by bike from the starting line and rode at the average speed 6.2 m/s . Ann started from the same line 6 s after Max and she finished the race 6 s before Max. Both, Ann and Max, travelled the same distance. What was the Ann's average speed if the total time of her ride was equal to 372 s?