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General Questions

Practice Questions

Q1. Two trains are moving towards each other on parallel tracks. Train A is moving at 60 km/h and Train B at 90 km/h. What is their relative speed?

A. 30 km/h
B. 60 km/h
C. 150 km/h
D. 90 km/h

Solution: Relative speed = Speed of A + Speed of B = 60 km/h + 90 km/h = 150 km/h.

Q2. Two trains are moving towards each other at speeds of 60 km/h and 90 km/h. If they are 300 km apart, how long will they take to meet?

A. 1.5 hours
B. 2 hours
C. 2.5 hours
D. 3 hours

Solution: Relative speed = 60 + 90 = 150 km/h. Time = distance/speed = 300/150 = 2 hours.

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