Speed, Distance and Time

(a) A man walking takes 2 hours to walk 10 miles. What was his speed?

(b) A policeman took 2½ hours to travel 100 miles. What speed was he travelling at?

(c) A girl ran 105 metres in 15 seconds. What was her speed?

(d) A cyclist took 1 hours 24 minutes to travel 28 km. What speed was the cyclist travelling at?

(a) What distance would a car travel after 4½ hours travelling at 60mph?

(b) Find the distance travelled by a train travelling at 140 km/h for 6 hours.

(c) If a person runs at 5 m/s, how long will it take that person to run 300 metres?

(d) A horse travels at 12 km/hour. How long will it take to travel 18km?

Convert:

(a) 60 km/h into m/s

(b) 75 km/h into m/s

(c) 126 km/h into m/s

(d) 18 m/s into km/h

(e) 50 m/s into km/h

(f) 42 m/s into km/h

(a) The speed limit on a road is 50 mph. A car travels 19 miles in 22 minutes. Is the car breaking the speed limit?

(b) Lee completes a journey in three stages. In stage 1, he drives at 30 km/h for 45 minutes. In stage 2, he drives at 50 km/h for 2 hours 48 minutes. Altogether, over all three stages, he drives 200 km in 4 hours. What is Lee's average speed in stage 3 of his journey?

(c) Given that 1 mile = 1.6 km, which is faster - 35 mph or 57 km/h?

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