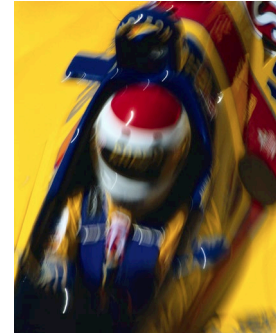


SPEED

SKILLS QUESTIONS

Q1. Find the average speed (in kilometres per hour) when a bobsled travels:

- (a) 70 km in 1 hour (c) 200 km in 4 hours
(b) 140 km in 2 hours (d) 550 km in 5 hours



Q2. Find the average speed (in metres per second) when a man travels:

- (a) 80 m in 10 seconds (c) 93m in 10 seconds
(b) 54 m in 6 seconds (d) 670 m in 100 seconds

Q3. A car is travelling at an average speed of 80 km/h. Find how far (in km) it will travel in:

- (a) 1 hour (c) 3 hours
(b) 2 hours (d) $\frac{1}{2}$ hour

Q4. A plane is travelling at a speed of 1600 km/h. Find how far (in km) it will travel in:

- (a) 4 hours (c) $2\frac{1}{2}$ hours
(b) $\frac{1}{2}$ hour (d) $1\frac{1}{4}$ hours

Q5. A satellite circles the earth at a speed of 8km/s. Calculate how far (in km) it will travel:

- (a) 10 seconds (d) 1 hour
(b) 1 minute (e) $1\frac{1}{2}$ hours
(c) 20 minutes (f) 24 hours

Q6. A car travels at a speed of 60 km/h. Calculate how long (in hours) it will take to travel:

- (a) 60 km (d) 660 km
(b) 120 km (e) 30 km
(c) 480 km (f) 15 km

Q7. A cyclist travels at a speed of 18 km/h. Calculate how long (in minutes) he will take to travel:

- (a) 36 km (d) 27 km
(b) 54 km (e) 45 km
(c) 9 km (f) 4.5 km

ANSWERS

Q1.(a) 70

(b) 70

(c) 50

(d) 110

Q2.(a) 8

(b) 9

(c) 9.3

(d) 6.7

Q3.(a) 80

(b) 160

(c) 240

(d) 40

Q4.(a) 6400

(b) 800

(c) 4000

(d) 2000

Q5.(a) 80

(b) 480

(c) 9600

(d) 28800

(e) 43200

(f) 691200

Q6.(a) 1

(b) 2

(c) 8

(d) 11

(e) 0.5

(f) 0.25

Q7.(a) 120

(b) 180

(c) 30

(d) 90

(e) 150

(f) 15