



Math worksheet on 'Speed - Distance and Time to Speed - Changed Distance Units (Level 3)'. Part of a broader unit on 'Speed, Distance, and Time - Advanced'

Learn online: app.mobius.academy/math/units/speed_distance_time_advanced/

1

A spaceship flies 800km in 40s. How fast is this in m/s?

a

200 m/s

b

20,000 m/s

c

32,000,000 m/s

d

2,000 m/s

2

A bug crawls 1,000m in 50hr. How fast is this in km/hr?

a

1 km/hr

b

50 km/hr

c

0.3 km/hr

d

0.02 km/hr

3

A plane flies 1,600km in 80min. How fast is this in m/min?

a

200,000 m/min

b

128,000,000 m/min

c

20,000 m/min

d

2,000 m/min

4

A bacteria moves 1,500mm in 50hr. How fast is this in m/hr?

a

0.5 m/hr

b

0.03 m/hr

c

75 m/hr

d

0.6 m/hr

5

A bug crawls 3,200cm in 80min. How fast is this in m/min?

a

0.4 m/min

b

2,560 m/min

c

0.1 m/min

d

0.2 m/min

6

A bug crawls 1,500cm in 50min. How fast is this in mm/min?

a

30,000 mm/min

b

3,000 mm/min

c

300 mm/min

d

750,000 mm/min

7

A bug crawls 1,600m in 40hr. How fast is this in mm/hr?

a

4,000 mm/hr

b

64,000,000 mm/hr

c

4,000,000 mm/hr

d

40,000 mm/hr