



Math worksheet on 'Speed - Distance and Time to Speed - Changed Both 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/](http://app.mobius.academy/math/units/speed_distance_time_advanced/)

1

A bug crawls 2,100m in 70d.  
How fast is this in mm/min?

a

32 mm/min

b

20.83 mm/min

c

24 mm/min

d

211,680,000,000  
mm/min

2

A bacteria moves 2,500mm in  
50hr. How fast is this in m/min?

a

0.000833 m/min

b

7,500 m/min

c

0.2 m/min

d

0.7 m/min

3

A car drives 2,400km in 80hr.  
How fast is this in m/min?

a

500 m/min

b

50 m/min

c

11,520,000,000 m/min

d

5,000 m/min

4

A plane flies 1,400km in  
70min. How fast is this in m/s?

a

3,333.3 m/s

b

333.3 m/s

c

33,333.3 m/s

d

5,880,000,000 m/s

5

A car drives 2,000mm in  
50ms. How fast is this in  
cm/s?

a

40,000 cm/s

b

400 cm/s

c

10 cm/s

d

4,000 cm/s

6

A bacteria moves 3,000mm in  
60hr. How fast is this in cm/s?

a

0.8 cm/s

b

64,800,000 cm/s

c

0.4 cm/s

d

0.001389 cm/s

7

A bug crawls 2,000cm in  
40min. How fast is this in  
mm/s?

a

9 mm/s

b

8.33 mm/s

c

4 mm/s

d

48,000,000 mm/s