



Math worksheet on 'Speed - Distance and Time to Speed - Changed Time 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	1,440 mm/hr
	b	144,000 mm/hr
	c	71.1 mm/hr
	d	14,400 mm/hr

A bug crawls 3,200mm in 80s.  
How fast is this in mm/hr?

2	a	0.6 m/min
	b	0.02083333 m/min
	c	0.4 m/min
	d	211,680,000 m/min

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

3	a	2,450 m/min
	b	18 m/min
	c	18,000 m/min
	d	1,800 m/min

A car drives 2,100m in 70s.  
How fast is this in m/min?

4	a	352,800,000 km/s
	b	0.01 km/s
	c	0.6 km/s
	d	0.4 km/s

A car drives 1,400km in 70hr.  
How fast is this in km/s?

5	a	20,000 cm/s
	b	2,000,000 cm/s
	c	128 cm/s
	d	200 cm/s

A plane flies 1,600cm in 80ms.  
How fast is this in cm/s?

6	a	2.1 m/hr
	b	4 m/hr
	c	9 m/hr
	d	4,320,000 m/hr

A bug crawls 3,000m in 60d.  
How fast is this in m/hr?

7	a	432 cm/d	b	43,200 cm/d
	c	4,320 cm/d	d	133.3 cm/d

A bug crawls 2,400cm in 80min. How fast is this in cm/d?