



Math worksheet on '*Speed - Distance and Speed to Time - 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/

1 A bacteria moves at 50cm/d and goes 2,000cm. How many hr does it take?	a 960 hr	b 96,000 hr
	c 46,080 hr	d 0.4 hr

2 A bug crawls at 50m/hr and goes 2,000m. How many min does it take?	a 2,400 min
	b 24 min
	c 0 min
	d 2,880,000 min

3 A bug crawls at 40mm/s and goes 3,200mm. How many ms does it take?	a 8,000,000 ms
	b 1.3 ms
	c 20,000,000 ms
	d 80,000 ms

4 A horse trots at 20m/min and goes 1,400m. How many s does it take?	a 4,200 s
	b 466,666,666.7 s
	c 12.6 s
	d 42 s

5 A bug crawls at 20mm/s and goes 1,200mm. How many ms does it take?	a 600 ms
	b 3,000,000,000 ms
	c 60,000 ms
	d 0 ms

6 A rocket flies at 50km/min and goes 4,000km. How many d does it take?	a 288,000,000,000,000 d
	b 0.05556 d
	c 0.6 d
	d 0 d

7 A bug crawls at 50m/hr and goes 4,000m. How many s does it take?	a 555,555.6 s
	b 28,800,000 s
	c 207,360 s
	d 288,000 s