Mobius	Math	Club
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Math worksheet on 'Speed - Which is Less Time - Changed Both Units (Level 2)'. Part of a broader unit on 'Speed, Distance, and Time - Advanced'

Learn online: app.mobius.academy/math/units/speed distance time advanced/

1	a	b
	Train A	Train B
Train A travels at		
5km/min and goes 40km. Train B travels at 750,000m/hr and goes 50,000m.		
Which takes less time?		

2	a Horse A	b Horse B
Horse A trots at 7m/min and goes 40m. Horse B trots at 83mm/s and goes 20,000mm. Which takes less time?		

Bug A crawls at 3cm/s and goes 20cm.
Bug B crawls at 0.00005m/ms and goes 0.4m.
Which takes less time?

Bug A

Bug A

Bug B

4	a Bacteria A	b Bacteria B
Bacteria A moves at 5m/d and goes 40m. Bacteria B moves at 0.00025km/hr and goes 0.03km. Which takes less time?	Basicina	Dastella D

Bug A crawls at 3m/min and goes 20m.
Bug B crawls at 63mm/s and goes 30,000mm.
Which takes less time?

Bug A

Bug A

Bug B

6	Bug A crawls at 6mm/s and goes 40mm. Bug B crawls at 0.000008m/ms and goes 0.05m. Which takes less time?		
а	Bug A	b Bug B	

7	a	b
	Bacteria A	Bacteria B
Bacteria A moves at		
6cm/hr and goes 50cm. Bacteria B moves at 1,440mm/d and goes 300mm. Which takes less time?		
Willoff takes less time:		