



Math worksheet on 'Speed - Person in Train - Solve for Train Speed (Level 1)'. Part of a broader unit on 'Speed, Distance, and Time Logic Challenges - Intro'

Learn online: [app.mobius.academy/math/units/speed\\_distance\\_time\\_logic\\_intro/](http://app.mobius.academy/math/units/speed_distance_time_logic_intro/)

**2** A person on a 60 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 12 m/s. How fast is the train going?

<b>a</b>	5 m/s	<b>b</b>	11 m/s	<b>c</b>	9 m/s
<b>d</b>	6 m/s				

**4** A person on a 60 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 10 m/s. How fast is the train going?

<b>a</b>	24 m/s	<b>b</b>	5 m/s	<b>c</b>	4 m/s
<b>d</b>	14 m/s				

**6** A person on a 60 m long train walks from the back to the front in 20 s. The person's speed relative to the ground is 8 m/s. How fast is the train going?

<b>a</b>	20 m/s	<b>b</b>	5 m/s	<b>c</b>	15 m/s
<b>d</b>	10 m/s				

**1** A person on a 40 m long train walks from the back to the front in 20 s. The person's speed relative to the ground is 6 m/s. How fast is the train going?

<b>a</b>	5 m/s	<b>b</b>	21 m/s	<b>c</b>	11 m/s
<b>d</b>	4 m/s				

**3** A person on a 40 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 9 m/s. How fast is the train going?

<b>a</b>	10 m/s	<b>b</b>	20 m/s	<b>c</b>	15 m/s
<b>d</b>	5 m/s				

**5** A person on a 30 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 9 m/s. How fast is the train going?

<b>a</b>	21 m/s	<b>b</b>	19 m/s	<b>c</b>	5 m/s
<b>d</b>	6 m/s				

**7** A person on a 50 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 11 m/s. How fast is the train going?

<b>a</b>	16 m/s	<b>b</b>	9 m/s	<b>c</b>	6 m/s
<b>d</b>	21 m/s				