



Math worksheet on 'Speed - Person in Train - Solve for Train Speed (Level 2)'. 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 120 m long train walks from the back to the front in 30 s. The person's speed relative to the ground is 12 m/s. How fast is the train going?

<b>a</b>	13 m/s	<b>b</b>	8 m/s	<b>c</b>	28 m/s
<b>d</b>	5 m/s				

**4** A person on a 90 m long train walks from the back to the front in 15 s. The person's speed relative to the ground is 13 m/s. How fast is the train going?

<b>a</b>	17 m/s	<b>b</b>	5 m/s	<b>c</b>	7 m/s
<b>d</b>	13 m/s				

**6** A person on a 80 m long train walks from the back to the front in 20 s. The person's speed relative to the ground is 13 m/s. How fast is the train going?

<b>a</b>	5 m/s	<b>b</b>	29 m/s	<b>c</b>	16 m/s
<b>d</b>	9 m/s				

**1** A person on a 140 m long train walks from the back to the front in 35 s. The person's speed relative to the ground is 14 m/s. How fast is the train going?

<b>a</b>	15 m/s	<b>b</b>	25 m/s	<b>c</b>	30 m/s
<b>d</b>	10 m/s				

**3** A person on a 90 m long train walks from the back to the front in 45 s. The person's speed relative to the ground is 8 m/s. How fast is the train going?

<b>a</b>	9 m/s	<b>b</b>	5 m/s	<b>c</b>	6 m/s
<b>d</b>	14 m/s				

**5** A person on a 120 m long train walks from the back to the front in 20 s. The person's speed relative to the ground is 14 m/s. How fast is the train going?

<b>a</b>	28 m/s	<b>b</b>	8 m/s	<b>c</b>	5 m/s
<b>d</b>	33 m/s				

**7** A person on a 90 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 17 m/s. How fast is the train going?

<b>a</b>	17 m/s	<b>b</b>	8 m/s	<b>c</b>	7 m/s
<b>d</b>	5 m/s				