



Math worksheet on 'Speed - Person in Train - Solve for Train Speed (Level 3)'. 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/

1 A person on a 150 m long train walks from the back to the front in 15 s. The person's speed relative to the ground is 16 m/s. How fast is the train going?

a	31 m/s	b	5 m/s	c	6 m/s
d	9 m/s				

2 A person on a 180 m long train walks from the back to the front in 15 s. The person's speed relative to the ground is 18 m/s. How fast is the train going?

a	5 m/s	b	31 m/s	c	14 m/s
d	6 m/s				

3 A person on a 120 m long train walks from the back to the front in 40 s. The person's speed relative to the ground is 8 m/s. How fast is the train going?

a	15 m/s	b	5 m/s	c	30 m/s

4 A person on a 100 m long train walks from the back to the front in 25 s. The person's speed relative to the ground is 9 m/s. How fast is the train going?

a	5 m/s	b	15 m/s	c	10 m/s
d	25 m/s				

5 A person on a 200 m long train walks from the back to the front in 25 s. The person's speed relative to the ground is 11 m/s. How fast is the train going?

a	3 m/s	b	18 m/s	c	28 m/s
d	17 m/s				

6 A person on a 110 m long train walks from the back to the front in 55 s. The person's speed relative to the ground is 8 m/s. How fast is the train going?

a	5 m/s	b	14 m/s	c	6 m/s
d	19 m/s				

7 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 10 m/s. How fast is the train going?

a	16 m/s	b	5 m/s	c	6 m/s
d	26 m/s				