



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

2 A person on a 160 m long train walks from the back to the front in 40 s. The person's speed relative to the ground is 7 m/s. How fast is the train going?

a	3 m/s	b	12 m/s	c	18 m/s
d	8 m/s				

3 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	9 m/s	b	6 m/s	c	5 m/s
d	31 m/s				

4 A person on a 180 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	21 m/s	b	5 m/s	c	29 m/s
d	4 m/s				

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

6 A person on a 180 m long train walks from the back to the front in 45 s. The person's speed relative to the ground is 10 m/s. How fast is the train going?

a	9 m/s	b	6 m/s	c	21 m/s
d	31 m/s				

7 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	17 m/s	b	18 m/s	c	28 m/s
d	3 m/s				