



Math worksheet on 'Speed - Person in Train - Solve for Person 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 120 m long train that is going 5 m/s walks from the back to the front while the train goes 200 m. What is the person's speed relative to the ground?

a	5 m/s	b	23 m/s	c	17 m/s
d	8 m/s				

2 A person on a 160 m long train that is going 5 m/s walks from the back to the front while the train goes 100 m. What is the person's speed relative to the ground?

a	38 m/s	b	13 m/s	c	18 m/s
d	23 m/s				

3 A person on a 160 m long train that is going 3 m/s walks from the back to the front while the train goes 120 m. What is the person's speed relative to the ground?

a	7 m/s	b	17 m/s	c	32 m/s
d	8 m/s				

4 A person on a 90 m long train that is going 3 m/s walks from the back to the front while the train goes 135 m. What is the person's speed relative to the ground?

a	15 m/s	b	5 m/s	c	25 m/s
d	30 m/s				

5 A person on a 240 m long train that is going 4 m/s walks from the back to the front while the train goes 160 m. What is the person's speed relative to the ground?

a	5 m/s	b	25 m/s	c	10 m/s
d	30 m/s				

6 A person on a 110 m long train that is going 6 m/s walks from the back to the front while the train goes 330 m. What is the person's speed relative to the ground?

a	13 m/s	b	5 m/s	c	17 m/s
d	8 m/s				

7 A person on a 140 m long train that is going 3 m/s walks from the back to the front while the train goes 105 m. What is the person's speed relative to the ground?

a	22 m/s	b	27 m/s	c	7 m/s
d	17 m/s				