



Math worksheet on 'Speed - Person in Train - Solve for Person 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/

1 A person on a 160 m long train that is going 9 m/s walks from the back to the front while the train goes 180 m. What is the person's speed relative to the ground?

a	27 m/s	b	17 m/s	c	5 m/s
d	42 m/s				

2 A person on a 180 m long train that is going 6 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	10 m/s	b	5 m/s	c	30 m/s
d	15 m/s				

3 A person on a 180 m long train that is going 6 m/s walks from the back to the front while the train goes 180 m. What is the person's speed relative to the ground?

a	12 m/s	b	7 m/s	c	5 m/s
d	32 m/s				

4 A person on a 80 m long train that is going 6 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	35 m/s	b	30 m/s	c	10 m/s
d	25 m/s				

5 A person on a 120 m long train that is going 10 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	36 m/s	b	16 m/s	c	9 m/s
d	41 m/s				

6 A person on a 180 m long train that is going 10 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	43 m/s	b	28 m/s	c	53 m/s
d	33 m/s				

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

a	9 m/s	b	14 m/s	c	5 m/s
d	29 m/s				