

Questions on the 'Relative motion of objects' video

1. How fast is the train moving?

It is moving at _____

2. How fast are you walking on the platform?

I am walking at _____

3. How much faster is the train travelling compared to you?

It is travelling _____ faster than me

4. What is another name for a measure of how fast something is travelling compared to something else?

It is called _____

5. When sitting on the train, how fast are you travelling:

a. Relative to the train line? _____

b. Relative to your seat on the train? _____

6. What is the speed of the police car RELATIVE to the lorry?

The relative speed of the police car is _____

7. If objects are moving in the SAME direction as each other, how do we work out their relative motion?

We would _____

8. If objects are moving in the OPPOSITE direction to each other, how do we work out their relative motion?

We would _____