## Mobius Math Club

| Name: |  |  |  |
|-------|--|--|--|
|       |  |  |  |



Math worksheet on 'Speed - Train Past Platform -Solve for Train 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   | а | 18 m/s | b | 17 m/s |
|---|---|--------|---|--------|
| A 100 m long train goes past the entire length of a 60 m platform in 20 s. How fast is the train going? | C | 8 m/s  | d | 13 m/s |
|   |   |        |   |        |

| 2  | а | 11 m/s | b | 24 m/s |
|--|---|--------|---|--------|
| A 130 m long train goes past the entire length of a 80 m platform in 15 s.  How fast is the train going? | C | 14 m/s | d | 39 m/s |
|  |   |        |   |        |

| 3   | а | 15 m/s | b | 5 m/s  |
|---|---|--------|---|--------|
| A 120 m long train goes past the entire length of a 30 m platform in 10 s. How fast is the train going? | C | 25 m/s | d | 20 m/s |
|   |   |        |   |        |

| 4   | а | 16 m/s | b | 21 m/s |
|---|---|--------|---|--------|
| A 90 m long train goes past the entire length of a 50 m platform in 35 s.  How fast is the train going? | C | 4 m/s  | d | 5 m/s  |
|   |   |        |   |        |

| 5   | а | 5 m/s  | b | 42 m/s |
|---|---|--------|---|--------|
| A 170 m long train goes past the entire length of a 50 m platform in 10 s. How fast is the train going? | С | 22 m/s | d | 7 m/s  |
|   |   |        |   |        |

| 6  | а | 16 m/s | b | 5 m/s  |
|--|---|--------|---|--------|
| A 140 m long train goes past the entire length of a 70 m platform in 10 s.  How fast is the train going? | C | 21 m/s | d | 11 m/s |
|  |   |        |   |        |

| 7  | а | 5 m/s | b | 31 m/s |
|--|---|-------|---|--------|
| A 180 m long train goes past the entire length of a 60 m platform in 40 s.  How fast is the train going? | C | 6 m/s | d | 21 m/s |
|  |   |       |   |        |