Finding and Comparing Unit Rates Worksheets

REFERENCE / CASE 1

Robot A moves 12 m in 3 s. Robot B moves 20 m in 4 s. Assume each speed is constant. Find both unit rates and identify the faster robot.

Robot	Distance (m)	Time (s)
A	12	3
B	20	4

METHOD: For each robot divide distance by time. Compare the rates using the same unit, metres per second.
Use the separate practice sheet before checking the answer.

Finding and Comparing Unit Rates Worksheets

REFERENCE / CASE 2

Robot A moves 18 m in 3 s. Robot B moves 28 m in 4 s. Assume each speed is constant. Find both unit rates and identify the faster robot.

Robot	Distance (m)	Time (s)
A	18	3
B	28	4

METHOD: For each robot divide distance by time. Compare the rates using the same unit, metres per second.
Use the separate practice sheet before checking the answer.

Finding and Comparing Unit Rates Worksheets

REFERENCE / CASE 3

Robot A moves 24 m in 3 s. Robot B moves 36 m in 4 s. Assume each speed is constant. Find both unit rates and identify the faster robot.

Robot	Distance (m)	Time (s)
A	24	3
B	36	4

METHOD: For each robot divide distance by time. Compare the rates using the same unit, metres per second.
Use the separate practice sheet before checking the answer.

Finding and Comparing Unit Rates Worksheets

REFERENCE / CASE 4

Robot A moves 30 m in 3 s. Robot B moves 44 m in 4 s. Assume each speed is constant. Find both unit rates and identify the faster robot.

Robot	Distance (m)	Time (s)
A	30	3
B	44	4

METHOD: For each robot divide distance by time. Compare the rates using the same unit, metres per second.
Use the separate practice sheet before checking the answer.