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| **Match-Up** | **Speed, Distance and Time** |

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| **1** | A car travels $136$ km in $2$ hours. What is its average speed in km/h? |  | **A** | $18$ km/h |
| **2** | The school bus travels $18$ km in $45$ minutes. What is its average speed in km/h? |  | **B** | $309$ km |
| **3** | A marathon runner runs $40.5$ km in $2$ hours $15$ minutes. What is his average speed in km/h? |  | **C** | $17.5$ m/s |
| **4** | A track cyclist takes $40$ seconds to complete one $250$ m lap of the velodrome. What is her speed in m/s? |  | **D** | $64.8$ km/h |
| **5** | A cement mixer travels from Leeds to Manchester in $1$ hour $24$ minutes, at an average speed of $54$ km/h. Work out the distance travelled in km. |  | **E** | $68$ km/h |
| **6** | A plane travelled with an average speed of $273$ km/h for $1$ hour $20$ minutes. Work out the distance travelled by the plane in km. |  | **F** | $75.6$ km |
| **7** | An antelope travels $124$ metres in one minute. What is its speed in metres per second to $1$ decimal place? |  | **G** | $6.8$ km/h |
| **8** | Darcy travels for $2$ hours $30$ minutes at $66$ km/h, then for $1$ hour $48$ minutes at $80$ km/h. Work out the total distance Darcy has travelled in km. |  | **H** | $364$ km |
| **9** | Fajar set off at 9.40am and drove until 10.55am, travelling a distance of $62.5$ km. What is Fajar’s average speed in km/h? |  | **I** | $24$ km/h |
| **10** | Convert a speed of $63$ kilometres per hour into metres per second. |  | **J** | $2.1$ m/s |
| **11** | Convert a speed of $18$ metres per second into kilometres per hour. |  | **K** | $50$ km/h |
| **12** | Abby travels at $52$ km/h. Katy travels $200$ km in $3$ hours $24$ minutes. What is the difference in their speeds to 1 decimal place? |  | **L** | $6.25$ m/s |

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