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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