



Answer Sheet

Paper Name: Maths-Speed Distance and Time

Paper ID: CUSTOM-MA-0F695A6133

Full Name:



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP
AFTERWARDS TO MARK YOUR WORK.**

How to answer:



A



B



C



D



E

How not to answer:



A



B



C



D



E

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1					
	A	B	C	D	E
2					
	A	B	C	D	E
3					
	A	B	C	D	E
4					
	A	B	C	D	E
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	A	B	C	D	E
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	A	B	C	D	E
20					
	A	B	C	D	E

- 1.** 5 miles is approximately 8 km and the distance between Manchester to London is approximately 200 miles.

How quickly would you need to travel to reach London in 5 hours?

A 44 km/h **B** 64 km/h **C** 40 km/h **D** 100 km/h **E** 58 km/h

- 2.** Timothy rides his electric scooter to school. The journey takes him 15 minutes and his school is 3400m from his house. What is Timothy's average speed?

A 12.6 km/h **B** 20.4 km/h **C** 13.8 km/h **D** 14.5 km/h **E** 13.6 km/h

- 3.** A bus completes its 16 km bus route in 1 hour 20 minutes. What is the average speed of the bus?

A 12 km/h **B** 16 km/h **C** 13 km/h **D** 20 km/h **E** 14 km/h

- 4.** The road trip from London to Bristol is split over two legs. The first leg takes 2 hours and 15 minutes, covering 110 km in total. The second leg takes 1 hour and 25 minutes and covers 88 km. What is the overall average speed for the road trip?

A 54 km/h **B** 57 km/h **C** 64 km/h **D** 49 km/h **E** 66 km/h

- 5.** Cheetahs are able to achieve a maximum speed of 130 km/h. If a cheetah runs at its maximum speed for 3 minutes, how much distance would it be able to cover?

A 7.0 km **B** 6.0 km **C** 5.5 km **D** 7.5 km **E** 6.5 km

- 6.** What is the total distance covered by a car driving at 42 km/h for 2 hours 10 minutes?
- A 85 km B 88 km C 89 km D 91 km E 95 km
- 7.** The flight from London to Dublin takes 1 hour 10 minutes, with the flight travelling at an average speed of 630 km/h. What is the total distance travelled by the plane?
- A 845 km B 735 km C 693 km D 713 km E 755 km
- 8.** If 5 miles is equivalent to 8 kilometres, what is the average speed of a car which travels 60 miles in 40 minutes?
- A 90 km/h B 72 km/h C 108 km/h D 144 km/h E 96 km/h
- 9.** In just 85 minutes, Humza was able to drive to the seaside. Given the distance from his house to the seaside is 68 km, what was his average speed?
- A 58 km/h B 56 km/h C 48 km/h D 60 km/h E 44 km/h
- 10.** The distance from the sun to the Earth is approximately 150 billion metres. If light travels at a speed of 300 million metres per second, roughly how long does it take light from the sun to reach the Earth?
- A 9 mins B 7 mins C 8 mins D 12 mins E 10 mins
- 11.** It takes Mrs. Taylor 36 minutes to complete her morning commute to work. If her workplace is located 9 km away from her home, what is the average speed of her morning commute?
- A 12 km/h B 16 km/h C 14 km/h D 18 km/h E 15 km/h

- 12.** Leah lives 12 km due north of Sam, who lives 4 km due south of Jan. Roughly, how long would it take to travel to Jan's house from Leah's house if travelling at an average speed of 36 km/h?
- A** 13 mins **B** 26 mins **C** 15 mins **D** 27 mins **E** 12 mins
- 13.** Harry's mum takes part in a walking group, who walk every day. On weekdays, they walk for 45 minutes at an average speed of 4 km/h. On weekends, they walk for 30 minutes at an average speed of 5 km/h. How much distance do they cover in total over one week?
- A** 25 km **B** 20 km **C** 15 km **D** 12 km **E** 16 km
- 14.** Roughly how long would it take to travel 40 km on the motorway if driving at an average speed of 70 km/h?
- A** 42 mins **B** 36 mins **C** 40 mins **D** 32 mins **E** 34 mins
- 15.** A snail is able to crawl 80 cm every 20 minutes. What is the speed of this in kilometres per hour?
- A** 0.0240 km/h
B 0.0048 km/h
C 0.4800 km/h
D 0.0024 km/h
E 0.0012 km/h
- 16.** Emma attempts a 7 km run which she completes, though she required a 2-minute break during the run. Given her total running time was 33 minutes, what is Emma's average speed including her break?
- A** 14 km/h **B** 12 km/h **C** 13 km/h **D** 11 km/h **E** 10 km/h

- 17.** In a marathon, runners must run 42 km from start to finish. If a runner runs at an average speed of 8 km/h, how long does it take them to complete the marathon?
- A 5 hours 20 mins
B 5 hours 25 mins
C 6 hours 15 mins
D 5 hours 15 mins
E 6 hours 20 mins
- 18.** Due to traffic, a car journey on the weekend takes 20% longer than on the weekday. The journey is 30 km long and takes 40 minutes on weekdays. What is the average speed of the car on the weekend?
- A 45.0 km/h
B 35.0 km/h
C 37.5 km/h
D 32.5 km/h
E 42.5 km/h
- 19.** Naira completes the village fun run in 2 legs. In the first leg she runs 8 km/h for 45 minutes. After taking a 5 minute break, she runs at 9 km/h for 20 minutes, which takes her to the finish line. What is the total distance of the fun run?
- A 9 km B 27 km C 10 km D 17 km E 12 km
- 20.** For 75 minutes, Matty cruises down the motorway at an average speed of 68 km/h. What is the total distance that he covered in this time?
- A 95 km B 82 km C 85 km D 78 km E 84 km