

## THIS MONTH'S WORKSHEETS

5 of 150 used

BrightBridge Pro

 Renews Aug 20

Generate Worksheet

 Your Generated Worksheet

## Motion: Measuring Time and Distance

## Grade 5 • Quarter 3 • Practice Challenge

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 10

**Directions:** Answer all questions carefully. Show your work where needed. This worksheet will help you practice measuring time and distance in real-life situations. Use the space provided for your answers.

**1.** Juan is walking to school from his house. He starts at 7:15 AM and arrives at 7:42 AM. How much time did it take Juan to walk to school?

Answer: \_\_\_\_\_

**2.** Nena's family measures the distance from their house to Aling Rosa's sari-sari store. They measure it as 450 meters. Convert this distance to kilometers.

A. 0.45 km   B. 4.5 km   C. 45 km   D. 450 km

Answer: \_\_\_\_\_

**3.** A tricycle travels at a constant speed of 40 kilometers per hour (km/h). How far will it travel in 2 hours?

Show your work:

Answer: \_\_\_\_\_

**4.** The clock shows that a jeepney left Manila at 10:30 AM and arrived in Cebu at 3:15 PM. How many hours and minutes did the journey take? (Assume no stops for this problem.)

Answer: \_\_\_\_\_

**5.** A runner completes a 600-meter race in 2 minutes and 30 seconds. What is her speed in meters per minute?

A. 240 meters per minute   B. 300 meters per minute   C. 400 meters per minute   D. 120 meters per minute

Answer: \_\_\_\_\_

**6.** During a local festival in Maynila, two jeepneys start from the same point. Jeepney A travels at 30 km/h, and Jeepney B travels at 25 km/h. Both travel for 3 hours. What is the difference in distance traveled between the two jeepneys?

Show your work:

Answer: \_\_\_\_\_

**7.** Mang Pedro cycles 12 kilometers to the market every morning. His average cycling speed is 15 km/h. How long does his trip take? (Express your answer in minutes.)

Answer: \_\_\_\_\_

**8.** Three students race to the canteen. Maria runs 80 meters in 20 seconds, Rosa runs 120 meters in 30 seconds, and Ana runs 100 meters in 25 seconds. Who ran the fastest?

A. Maria   B. Rosa   C. Ana   D. They all ran at the same speed

Answer: \_\_\_\_\_

**9.** A clock reads 2:45 PM when Ating starts his sinigang cooking. The meal is ready at 5:30 PM. If he walked to the market first and the walk took 20 minutes, how much time was spent actually cooking?

Show your work:

Answer: \_\_\_\_\_

**10.** Two cars travel the same distance of 150 kilometers. Car X takes 2.5 hours to complete the journey, while Car Y takes 3 hours. Which car traveled faster, and by how many km/h?

Show your work:

Answer: \_\_\_\_\_

-----

**Answer Key**

1. 27 minutes

2. A (0.45 km)

*Explanation: Divide 450 by 1,000 to convert meters to kilometers.*

3. 100 kilometers

*Distance = Speed  $\times$  Time;  $40 \text{ km/h} \times 2.5 \text{ hours} = 100 \text{ km}$*

4. 4 hours and 45 minutes

*From 10:30 AM to 3:15 PM = 4 hours 45 minutes*

5. A (240 meters per minute)

*2 minutes 30 seconds = 2.5 minutes;  $600 \div 2.5 = 240 \text{ m/min}$*

6. 15 kilometers

*Jeepney A:  $30 \times 3 = 90 \text{ km}$ ; Jeepney B:  $25 \times 3 = 75 \text{ km}$ ; Difference:  $90 - 75 = 15 \text{ km}$*

7. 48 minutes

*Time = Distance  $\div$  Speed;  $12 \text{ km} \div 15 \text{ km/h} = 0.8 \text{ hours} = 48 \text{ minutes}$*

8. B (Rosa)

*Maria:  $80 \div 20 = 4 \text{ m/s}$ ; Rosa:  $120 \div 30 = 4 \text{ m/s}$ ; Ana:  $100 \div 25 = 4 \text{ m/s}$ . All have the same speed of 4 m/s. (Answer should be D, or teacher may accept if student recalculates.)*

*Correction: All three ran at the same speed (4 m/s), so the correct answer is D.*

9. 2 hours and 25 minutes

*Total time from 2:45 PM to 5:30 PM = 2 hours 45 minutes; Cooking time = 2 hours 45 minutes – 20 minutes = 2 hours 25 minutes*

10. Car X traveled faster by 10 km/h

*Car X:  $150 \div 2.5 = 60 \text{ km/h}$ ; Car Y:  $150 \div 3 = 50 \text{ km/h}$ ; Difference:  $60 - 50 = 10 \text{ km/h}$*



**Saved to My Worksheets**

---

[Privacy Policy](#) • [Terms and Conditions](#) • [Refund Policy](#)

© 2026 HAON Software Development Services