

## CA Grade 7 Standard 7.MG.1.3

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### MULTIPLE CHOICE

- Lisa is comparing three cars. Car A gets 34 miles per gallon. Car B can travel 480 miles on 15 gallons of gas. Car C can travel 70 miles on 2 gallons of gas. Which car gets the best gas mileage?
  - Car A
  - Car B
  - Car C
  - all three have the same gas mileage
- Steve is on the school track team. He can run 4 laps in 8 minutes. Four laps equal 1 mile. How long will it take him to run 2.5 miles on the track?
  - 12 minutes
  - 16 minutes
  - 20 minutes
  - 24 minutes
- The chart below shows the speed of four cameras.

Camera	Speed of Shots
Smart Shot	1 shot per second
Photo Plus	10 shots in 5 seconds
Cool Cam	100 shots per minute
Good Pix	45 shots in 30 seconds

- What camera has the fastest speed of shots?
- Smart Shot
  - Photo Plus
  - Cool Cam
  - Good Pix
- A local amusement park had an average of 5,500 visitors per day. What was the average number of visitors in a week?
    - 11,000
    - 27,500
    - 30,000
    - 38,500
  - Max is traveling at a speed of 62 miles per hour. If he travels at this speed for 10 hours, which of the following is *not* a reasonable estimate for the distance Max traveled?
    - 600 miles
    - 620 miles
    - 650 miles
    - 800 miles
  - Kelley is trying to find the number of feet per minute she can ride her skateboard. Which of the following is most likely *not* her speed?
    - 120 ft/min
    - 28 ft/sec
    - 200 ft/min
    - 525 ft/min

7. Colin is trying to find the fastest way to go to his friend's house. He can rollerblade 12 miles per hour. He can run 2 miles in 20 minutes. He can ride a bike 7 miles in half an hour. He can walk 1 mile in 13 minutes. Which way is the fastest?
- A. biking  
B. rollerblading  
C. running  
D. walking

8. The chart below shows the density of four substances.

Substance	Density
Concrete	2,400 kg/m <sup>3</sup>
Copper	8,900 kg/m <sup>3</sup>
Sand (dry)	1,600 kg/m <sup>3</sup>
Aluminum	2,700 kg/m <sup>3</sup>

Which substance is the *least* dense?

- A. concrete  
B. copper  
C. sand  
D. aluminum
9. Which of the following answers could *not* be the speed of an object?
- A. 17 mi per hr  
B. 8 ft per sec  
C. 25 customers per day  
D. 50 km per hr
10. It takes a company 4 person-hours to finish an assignment. How many assignments can a 2-person crew finish in 12 hours?
- A. 6  
B. 8  
C. 12  
D. 24