

## CA Grade 7 Standard 7.AF.4.2

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### MULTIPLE CHOICE

- Simon drove 55 miles per hour for 4 hours, then 65 miles per hour for 3 hours. How far did Simon drive in all?
  - 120 miles
  - 415 miles
  - 425 miles
  - 455 miles
- It takes Carly 39 minutes to walk 3 miles. At that rate, how long will it take Carly to walk 7 miles?
  - 52 minutes
  - 78 minutes
  - 91 minutes
  - 273 minutes
- The simple interest paid on a loan varies directly with the amount of the loan. At one bank, the interest owed on a \$1,500 loan is \$90. At that same bank, what is the interest owed on a \$4,000 loan?
  - \$90
  - \$120
  - \$240
  - \$300
- A plane's average speed was 340 miles per hour. How long did it take the plane to travel 1,190 miles?
  - 3 hours
  - 3.5 hours
  - 4 hours
  - 4.5 hours
- Malcolm is reading a history book. It takes him 12 minutes to read 5 pages. At that rate, how many pages can Malcolm read in 1 hour?
  - 5
  - 12
  - 25
  - 30
- Jessica earns \$35 for 7 hours of babysitting. She is saving to buy a \$160 radio. How many hours will Jessica have to babysit to have enough money to buy the radio?
  - 14 hours
  - 28 hours
  - 30 hours
  - 32 hours
- A person's weight varies directly with gravity. Aaron weighs 180 pounds on Earth but would weigh only 30 pounds on the moon. Haresh weighs 54 pounds on Earth. How much would Haresh weigh on the moon?
  - 6 pounds
  - 9 pounds
  - 12 pounds
  - 27 pounds

8. Hyo can type 200 words in 5 minutes. How long would it take Hyo to type a 500-word paper?
- A. 12.5 minutes  
B. 14 minutes  
C. 20 minutes  
D. 40 minutes
9. A cheetah can run 105 miles in  $1\frac{1}{2}$  hours. At that rate, how far can the cheetah run in 6 hours?
- A. 210 miles  
B. 360 miles  
C. 400 miles  
D. 420 miles
10. Ryan jogged 4 miles in 48 minutes. His brother, Bruce, jogged twice as fast as Ryan. At Bruce's rate, how far can Bruce run in 30 minutes?
- A. 2.5 miles  
B. 5 miles  
C. 6 miles  
D. 12 miles