- John traveled 260 miles in 4 hours. John was traveling at what speed, in miles per hour?
- Tina can type a 2075 word document in 25 minutes. What is her typing speed in words per minute?
- 3) Long's car can travel 384 miles on 12 gallons of gas. What is his mileage, in miles per gallon?
- 4) Kate read 90 books last month. How many books does she read each day?
- 5) Felipe can read a 300 page book in 6 hours. How many pages can he read per hour?
- 6) Jack is a tutor who makes \$100 on a day when he works 5 hours. How much does he get paid, in dollars per hour?

- John bought 12.6 gallons of gas for \$29.61. How much did he pay per gallon?
- 8) Mitchell bought a dozen eggs for \$1.56. What was the price per egg?
- 9) Jack took seven trips up the hill to fetch a pail of water. If he ended up fetching 42 liters of water, how much does each pail hold?
- 10) In the last six hours, Little Bo Peep has found 24 missing sheep. How many sheep does she find per hour?
- 11) If Janese wastes 35 hours a week on YouTube when she could be studying, how many hours per day is she losing to her "little YouTube problem"?

Answers: 1) 65 miles/hour 2) 83 words/minute 3) 32 miles/gallon 4) 3 books/day 5) 50 pages/hour 6) \$20/hour 7) \$2.35/gallon 8) \$0.13/egg 9) 6 liters/pail 10) 4 sheep/hour 11) 5 hours/day 12) \$8.25/hour 13) 2.5 gallons/minute 14) 6 liters/flush 15) 45 beats/minute 16) 80 beats/second 17) 186,282 miles/second 18) 101 digits/minute 19) \$7.50/hour

- 12) Francisca bought 8 pairs of shoes on a clearance sale last week for just \$66. How much did the savvy shopper pay per pair of shoes?
- 13) If it takes 32 minutes for a shower, running full blast, to fill an 80 gallon tub, what is the flow rate of the shower head, in gallons per minute?
- 14) An ultra-low-flow toilet uses only137.6 liters of water, on average, per day for a family of four. If a family of four flushes about 23 times per day, to the nearest liter, how much water is used per flush?
- 15) During an hour of deep sleep, the human heart will beat about 2,700 times. What is the heart rate of a human in deep sleep, in beats per minute?
- 16) A hummingbird's wings can beat as many as 4,800 times in a minute. How fast can a hummingbird's wings move in beats per second?

- 17) In a single minute a beam of light can travel 11,176,920 miles. How fast does light travel in miles per second?
- 18) Akira Haraguchi is a man who has more than 100,000 digits of pi memorized. In 2006 he recited the first 100,000 digits in 16 ½ hours (990 minutes). How many digits of pi is that per minute? Round your answer to the nearest whole number.
- 19) Your uncle offers you \$60 to come help him move. You end up working 8 hours. What was your hourly rate, in dollars per hour?

Answers: 1) 65 miles/hour 2) 83 words/minute 3) 32 miles/gallon 4) 3 books/day 5) 50 pages/hour 6) \$20/hour 7) \$2.35/gallon 8) \$0.13/egg 9) 6 liters/pail 10) 4 sheep/hour 11) 5 hours/day 12) \$8.25/hour 13) 2.5 gallons/minute 14) 6 liters/flush 15) 45 beats/minute 16) 80 beats/second 17) 186,282 miles/second 18) 101 digits/minute 19) \$7.50/hour