

Math Applications Sample Test

- Darren is a repairman. He drove 9.15 miles for his first call. He drove 1.7 miles for his second call. Which numbers should Darren round to if he estimates his mileage to the nearest mile?
 - 9 and 1
 - 8 and 1
 - 9 and 2
 - 8 and 12
- Selene received a \$200 bonus for being the top salesperson in her group. She spent \$80 of that on a new jacket. What percent of her bonus did Selene spend on the jacket?
 - 25%
 - 35%
 - 40%
 - 45%
- What values of m will make the inequality true?
$$3m + 8 < -10$$
 - $m < 6$
 - $m < 8$
 - $m < 9$
 - $m < -6$
- Shirley bought 6 pounds of chocolates for \$5.11 per pound. She had the candy divided into 12 boxes and paid \$0.75 per box for gift wrapping. Which of these number sentences could you use to find how much Shirley spent in all?
 - $(6 \times \$5.11) + \left(\frac{6}{12} \times \$0.75\right)$
 - $6(\$5.11 + \$0.75)$
 - $12(\$5.11 + \$0.75)$
 - $(6 \times \$5.11) + (12 \times \$0.75)$
- What number comes next in this sequence? 1,4,9,16,25, ____
 - 30
 - 36
 - 42
 - 51
- Sam's scores on 5 math quizzes were 82, 94, 78, 86, and 90. What is Sam's Mean (average) score?
 - 82
 - 86
 - 88
 - 90

Math Applications Sample Test

7. $10^3 \times 6.8 =$

- A. 6.800
- B. 68
- C. 680
- D. 6,800

8. $462 \div 2.1 =$

- A. 220
- B. 0.022
- C. 2.2
- D. 22

Answers: 1. C 2. C 3. D 4. D 5. B 6. D 7. D 8. A