



Multiple Choice

 $(5 \times 2 \text{ points} = 10 \text{ points})$

Fill in the circle next to the correct answer.

- **1.** Which is the closest estimate of 78×31 ?
 - (A) 70 × 30
- (B) 70 \times 40
- © 80 × 30
- (D) 80 × 40
- **2.** What is the estimated quotient of $718 \div 6$?
 - (A) 72
- (B) 80
- © 90
- (D) 120

- **3.** Which of the statements is incorrect?
 - (A) 2 is a common factor of 26 and 62.
 - (B) 3 is a common factor of 13 and 19.
 - C 13 is a common factor of 39 and 65.
 - (D) 6 is a common factor of 18 and 78.
- **4.** What is the sum of the first two multiples of 8?
 - (A) 8
- B 16
- C 24
- D 32
- **5.** Which pair of these numbers has 20 as a common factor?
 - (A) 2 and 3
- (B) 2 and 6
- © 10 and 20
- (D) 20 and 40

Short Answer

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Write your answer in the space given.

- **6.** Find the product of 489×7 . Estimate to check that your answer is reasonable.
- **7.** What is the sum of all the factors of 35?
- **8.** What is the greatest common factor of 12 and 15?
- **9.** Find two prime numbers between 30 and 45.
- **10.** What is the least common multiple of 6 and 8?

Extended Response

(Question 11: 2 points, Question 12: 3 points)

Solve. Show your work.

- 11. Mr. Smith went to buy a refrigerator. He had \$346. The refrigerator cost \$783.
 - About how much more money does Mr. Smith need in order to buy the refrigerator?
 - Round your answer to the nearest hundred dollars.
 - **b.** After visiting the bank, Mr. Smith paid \$800 for the refrigerator. How much change did he receive?

12. Tim goes swimming once a week.

He swims on the same day each week.

Amy goes swimming every other day.

They went swimming together on February 1st.

Use the calendar to find the next date that they will next swim together.

