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Student Name: \_\_\_\_\_

Teacher: \_\_\_\_\_ Date: \_\_\_\_\_

District: Miami-Dade County Public Schools

Assessment: 07 Mathematics Mathematics Benchmark 3

Description: MAFS.7.EE.2.3 Practice

Form: 201

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1. Alice is making a necklace. She has a chain that is 400 mm long. She puts forty 1.7 mm beads, twenty-seven  $6\frac{1}{2}$  mm beads, and eight 3.4 mm beads on the chain. About how much of the 400 mm chain is left without beads?

- A. 388 mm
- B. 270 mm
- C. 230 mm
- D. 129 mm

2. The diagram below shows the locations of four towns along the same freeway.



The distance from Adamsville to Hampton Mills is 24.1 km. Which statement is **true** about the distance from Adamsville to Springfield?

- A. The distance from Adamsville to Springfield is two times the distance from Springfield to Longmeadow.
- B. The distance from Adamsville to Springfield is about 3 times the distance from Springfield to Longmeadow.
- C. The distance from Adamsville to Springfield is 4.2 km more than the distance from Springfield to Longmeadow.
- D. The distance from Adamsville to Springfield is 2.8 km more than the distance from Springfield to Longmeadow.

3. Solve the expression:

$$\frac{8(-6) - 4(-3)}{12}$$

- A. -5
  - B. -3
  - C. 3
  - D. 5
4. Sara has \$150 in her savings account. The amount in her account increases by 6% every year. If she does not put more money into her account, what will be the balance to the nearest dollar in her account after one year?
- A. \$159
  - B. \$156
  - C. \$153
  - D. \$151
5. James has 16 ounces (oz.) of cookie dough. If he uses 0.56 oz. of cookie dough for each cookie, what is a reasonable estimate of how many cookies he can make?
- A. 9
  - B. 16
  - C. 24
  - D. 30