

NAME: _____ DATE: _____ Group: _____ Homeroom: _____

SPI: 0506.1.2

1. Today's temperature was 82.8 degrees, and yesterday's low temperature was 77.3 degrees. What is the best estimate of the difference between the high temperatures?
 - a. 3 degrees
 - b. 4 degrees
 - c. 5 degrees
 - d. 6 degrees

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2. For a science project, students are measuring and comparing the heights of avocado plants. Suzy's plant is $5\frac{5}{10}$ tall. Daniel's plant is $4\frac{2}{10}$ tall. What is the best estimate for how much taller Suzy's plant is than Daniel's?
 - a. 1 inch
 - b. 2 inch
 - c. 3 inch
 - d. 4 inch

SPI: 0506.2.5

3. Add: $0.6 + 0.8$
 - a. 1.04
 - b. 14
 - c. 1.4
 - d. 0.14

SPI: 0506.2.1

4. Which number is equal to two hundred forty-nine and thirty-six thousandths?
 - a. 24.936
 - b. 249.036
 - c. 249.36
 - d. 24,936

SPI: 0506.1.3

5. Darcy split 25 gumdrops into piles of 4. Which statement best explains how Darcy split the gumdrops?
 - a. She split the gumdrops into 6 equal piles and had 1 gumdrop left over.
 - b. She split the gumdrops into 6 equal piles and had 0 gumdrops left over.
 - c. She split the gumdrops into 7 equal piles and had 0 gumdrops left over.
 - d. She split the gumdrops into 7 equal piles and had 3 gumdrops left over.

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6. Which statement is true?
- $0.38 < 0.19$
 - $0.07 = 0.70$
 - $0.47 < 0.5$
 - $4.32 > 4.5$

SPI: 0506.1.3

7. The Brown family is having a pizza party. They ordered 8 pizzas, each with 10 slices. After they party they had 18 slices of pizza left. Which statement best explains how much pizza was left.
- There were two whole pizzas left.
 - There were 2 whole pizzas left and 5 slices of pizza left.
 - There was 1 whole pizza left and 8 slices of pizza left.
 - There was 1 whole pizza left and 6 slices of pizza left.

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8. There are 132 baseball fans waiting in line for the game. If 6 people are allowed in at a time. How many groups are there in total?
- 22
 - 816
 - 126
 - 792

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9. Susan ate the following amounts of candy during her day at the zoo: 6.2 grams, 5.8 grams, 3.3 grams, 4.8 grams, and 4.7 grams. What is the best estimate of how many grams of candy she ate?
- 23
 - 24
 - 25
 - 26

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10. Sarah is building a doll house. She has 58 blocks and uses 6 blocks for each doll house. Which statement best explains how Sarah uses the blocks to build her doll houses?
- She builds 7 doll houses with 6 blocks left over.
 - She builds 8 doll houses with 2 blocks left over.
 - She builds 9 doll houses with 0 blocks left over.
 - She builds 9 doll houses with 4 blocks left over.

SPI: 0506.2.3

11. Mrs. Mason's class is going on a field trip. They will take school vans. Each van holds 8 students. There are 25 students in Mrs. Mason's class. How many vans will they need?
- a. 2
 - b. 3
 - c. 4
 - d. 5

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12. Seth goes running every 2 days over the summer. If there are 88 days of summer left, how many times will Seth go running?
- a. 4
 - b. 44
 - c. 90
 - d. 176

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13. Which statement is true?
- a. $0.4 = 0.04$
 - b. $0.4 > 0.40$
 - c. $0.4 = 0.40$
 - d. $.04 < 0.04$

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14. Fran ran the 500-meter dash in 67.23 seconds. What is 67.23 in word form?
- a. Sixty-seven and twenty-three thousandths
 - b. Sixty-seven and twenty-three hundredths
 - c. Sixty-seven and twenty-three tenths
 - d. Sixty-seven hundred twenty-three

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15. Three best friends ran in a race. Sally ran 50.2 yards, Cindy ran 50.6 yards and Kathy ran 50.4 yards. Which number sentence correctly compares distances that two of the three best friends ran?
- a. $50.2 > 50.6$
 - b. $50.2 = 50.4$
 - c. $50.6 > 50.8$
 - d. $50.6 > 50.2$

SPI:0506.2.5

16. Subtract: $2.75 - 1\frac{25}{100}$

- a. 1
- b. 1.5
- c. 1.75
- d. 2

SPI: 0506.2.3

17. Danny is having a party. Each table can fit 6 people and 32 people in total will be at the party. How many tables does Danny need?

- a. 4
- b. 5
- c. 6
- d. 7

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18. Elvis Presley's home located in Memphis TN, called Graceland, has approximately 600,500 visitors each year. What is this number in standard form?

- a. Six hundred thousand and five hundred
- b. Six hundred thousand five hundredths
- c. Six hundred thousand five hundred
- d. Six hundred thousand five

SPI: 0506.2.4

19. A library has 800 books to put on shelves. Each shelf holds 40 books. How many shelves will the books fill?

- a. 10
- b. 20
- c. 30
- d. 40

SPI: 0506.2.5

20. Subtract: $\frac{25}{100} - 0.2 =$

- a. 0.05
- b. 0.15
- c. 0.50
- d. 0.55