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| **CCS 8th Grade Cumulative Review [927638]** |
| Student |  |
| Class |  |
| Date |  |

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| **Instructions** |
| Gridded Response (8 - 18).    |

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| **8.** | The population of Griffin is about 4.8 × 103. The population of Oakdale is about 1.9 × 105. **About** how many times larger is the population of Oakdale than Griffin? |

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| **9.** | Which expression is equivalent to  eq138975_s1? |

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| **10.** | A square has an area of 64 square units. A cube has a volume of 64 cubic units. What is the difference in the side length of the square and the length of one edge of the cube? |

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| **11.** | Mercury is about 3.6 × 107 miles from the Sun. Venus is about 6.7 × 107 miles from the Sun. **About** how many times farther is Venus from the Sun than Mercury? |

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| **12.** | Which fraction is equal to equDKMath082829_1 |

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| **13.** | A gym membership charges an initial fee of $100 plus a $25 fee every month. Another gym only charges $45 every month. After how many months will the total cost for both gyms be the same? |

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| **14.** | What is the **approximate** value of eq204322_s1? |

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| **15.** | Sam made a square sign with an area of 410 square inches. What is the **approximate** perimeter of the square sign? |

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| **16.** | In January, David began putting the same amount of money each month into his savings account. * In February, he had $85.00 in his account, not including interest.
* By June, he had $135.00 in his account, not including interest.

How much money was in the savings account before David began saving each month? |

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| **17.** | The table below shows the cost of a large scoop of ice cream with toppings at an ice cream shop.

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| **Number of   Toppings**  | **Cost**  |
| 3 |  $4.06  |
| 4 | $4.65 |
| 6 | $5.83 |

What is the cost of a large scoop of ice cream with no toppings? |

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| **18.** | The populations of two towns, town A and town B, are being compared. The population of town A is Syntax error from line 1 column 49 to line 1 column 73. Unexpected 'mathsize'.and the population of B is Syntax error from line 1 column 49 to line 1 column 73. Unexpected 'mathsize'.How many times greater is the population of town B than town A? |
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