Show all work on a separate sheet of paper.

## Review

|  | Mrs. McKnight decided that she would travel up to Oklahoma City and <br> back for four consecutive weekends. The one-way distance from her house <br> and Oklahoma City is between 180 and 190 miles. Which of the following <br> could have been her total distance traveled during the four weekends? <br> A. 370 miles <br> B. 740 miles <br> C. 1010 miles <br> D. 1480 miles |  |
| :--- | :--- | :--- |
| 2. | Mrs. Moore drew two huge Ts on her butcher paper to represent Texas <br> Tech. The width of the large T was 1.65 feet. The length of the large T <br> was a 0.75 feet longer than the width. What was the length of the large T? |  |
|  | Harry Potter was looking for a very specific wand. The wand he needed <br> had to be between 14.3 and 14.5 inches long. Which one of the following <br> wands would work for Harry? <br> A. 14.04 inches <br> B. 14.4 inches <br> C. 14.51 inches <br> D. 14.048 inches |  |

4.-7. For the jedi arena shown below, write the correct equations and then solve for the number of jedis.

8.-11. An egg carton contains 12 multi-colored eggs. You count the number of eggs of each color:

## GREEN-2 PINK-5 BLUE-1 YELLOW-4

Upon opening the eggs you determine each color has the same number inside. You make a note of the following numbers inside each color:

## GREEN-9 PINK-3 BLUE-6 YELLOW-5

Write the correct expression and solve the problem by finding the sum of the eggs. Use the tornado method and show all work on this paper. You may combine steps.

| Expression <br> with variables |  |
| :---: | :--- |
|  |  |
| Solve and <br> circle your <br> answer |  |

Evaluate each expressions if $x=8, y=12, z=4$, and $a=10$.

| 12. | $a^{2}-y \bullet z$ | 13. | $\frac{a x}{z}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :--- |
| 14. | $24-\frac{y}{z}$ |  | 15. | $(3 x+a) \bullet 5$ |  |
| 16. | $50-x z$ | 17. | $12 \bullet \sqrt{z}$ |  |  |
| 18. | $a+x \bullet a$ | 19. | $6 y+3 z$ |  |  |

Write each phrase as an algebraic expression or equation.

| 20. | Twelve more than five <br> times $d$ | 21. | 9 multiplied by a number <br> is 63 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 22. | the quotient of $s$ and 12 is <br> 6 |  | 23. | Three times a number <br> decreased by 10 |  |


|  | Mr. Mangham spent \$30 making cupcakes for his favorite students. Mrs. <br> Fauatea spent \$14 more than Mr. Mangham making banana pudding for her <br> students. Mrs. Atkins spent $\$ 8$ less than Mr. Mangham making lemon bars <br> for her students. What is the total amount spent by teachers on treats? |
| :--- | :--- | :--- |
| A. $\$ 44$ C. $\$ 96$ <br> B. $\$ 80$ D. $\$ 112$ |  |

