Name **Answer Key** _____ Date _____ # _____

5th Grade Spiral Review Chapter 1 -11

1. (1.1) Find $\frac{1}{10}$ of 2,000.

   200

2. (1.2) Write 5,400,012.9 in expanded form.

   (5 x 1,000,000) + (4 x 100,000) + (12x1) + (9 x 1/10)

3. (2.9) ~~Rio Tinto Stadium has 20,000 seats. If 360,000 seats are available for all of the REAL soccer team games during a regular season, how many REAL games are played in a regular season at Rio Tinto stadium?~~

4. (3.8) Antonio measured the growth of his corn necklace once a week for four weeks. The Indian corn grew 1.85 cm the first week, 2.45 the second week, 2.6 the third week, and 1.3 the last week. How much did his Indian corn grow after four weeks?

   8.2 cm

5. (4.4) Fill in the model and find the product.

	.9	.08
10	9	.8
7	6.3	0.56

   17 x .96 = 16.66

6. (5.6) Use the table to solve 6-7.

Prices at Carol's Candy Stand	
Hi-Chew	$0.20
Jolly Ranchers	$0.15
Candy bars	$0.85
Tootsie Rolls	$0.07

6. Marvin paid $5.10 for candy bars. How many candy bars did he buy?

   6 candy bars

7. Roxy has $1.80. How many more Jolly Ranchers can she buy than Hi-Chews?

   Roxy can buy 3 more Jolly Ranchers.

8. (6.8) Sonny mows lawns during the summer to earn money for school clothes. Monday he uses $\frac{5}{6}$ of a gallon of gas, $1\frac{5}{12}$ gallons on Tuesday, $\frac{7}{8}$ of a gallon of on Wednesday, $2\frac{3}{4}$ gallons of Thursday, and $2\frac{2}{3}$ on Friday. How many gallons of gas a week does he need?

   8 13/24

9. (7.10) Esparenza's swimming pool has the area of 288 square ft. The width is $\frac{1}{2}$ the length. What are the dimensions of Esparenza's pool?
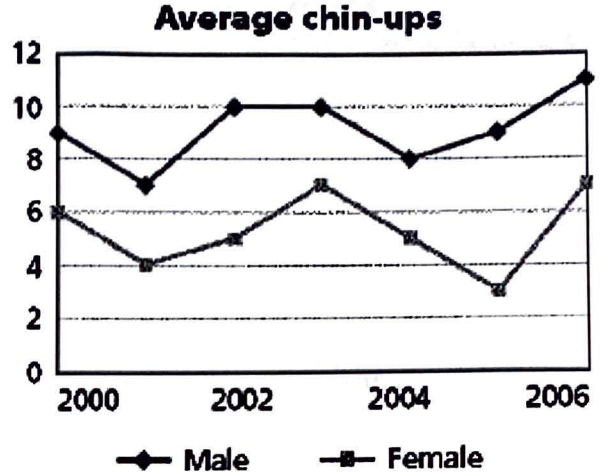
Length = 24 ft.

Width = 12 ft.

10. (8.4) Timo divides his 12 pounds of cherries into $\frac{1}{3}$ pound bags. How many $\frac{1}{3}$ pound bags will he need?

36 bags

11. (8.5) Mrs. Lystrup and her husband have $\frac{1}{3}$ of a chocolate cream pie left in their refrigerator. If they share the pie equally, what fraction of the whole pie will each of them get?

1/6 of the whole pie

Use graph below to answer question 12-13.

Average chin-ups

—◆— Male   —■— Female

12. (9.4) Mr. Upstill records the average number chin-ups done by boys and girls in his gym class each year. The graph shows Mr. Upstill's data between 2000 and 2007. How many more chin-ups did the average male do than the average female in 2001?
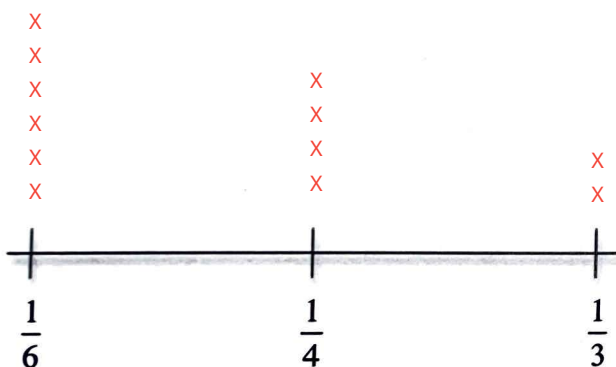
3 more

13. (9.4) When did the females have the largest increase in chin-ups?

From 2005 to 2006. The female average increased by 4.

14. (9.1) Kaisha bought 12 banana. The weight of each banana is shown.

$\frac{1}{4}$ lb, $\frac{1}{6}$ lb, $\frac{1}{6}$ lb, $\frac{1}{4}$ lb, $\frac{1}{3}$ lb, $\frac{1}{6}$ lb,

$\frac{1}{3}$ lb, $\frac{1}{6}$ lb, $\frac{1}{4}$ lb, $\frac{1}{6}$ lb, $\frac{1}{4}$ lb, $\frac{1}{6}$ lb

Use the data to make the line plot.

```
X
X
X            X
X            X
X            X        X
X            X        X
+------------+--------+
1            1        1
6            4        3
```

Weight of Bananas in pounds

15. (10.2) Rachelle made 14 gallons of homemade rootbeer. How many pints of rootbeer did she make?

112 pints

16. (10.4) Cher has 7 gallons of paint. She uses 5 quarts of paint for her bathroom, 3 gallons of paint for her hallway and 6 quarts of paint for her hallway closet. How many pints of paint will be left?

10 pints of paint will be left

17. (11.10) Arlen in building a doghouse for his dog Dashiel. The doghouse is 3 ft high, 4 ft wide, and 6 ft long. What is the volume of the doghouse?

72 cubic feet

18. (11.6) Zane has 36 unit cubes. How many different rectangular prisms can he build if uses all of the cubes?

19. (11.7) Florence built a rectangular prism with cubes. The base of the prism has 14 centimeter cubes. If the prism was built with 266 centimeter cubes, how many layers does her prism have?

19 layers

20. (11.11) Ala Moana park has a rectangular playground that has a length of 120 feet and a width of 89 feet. The park department had 135 yards of fencing material. Is there enough fencing material to enclose the playground? Explain and show your work.

No, they would need 13 more feet to enclose the playground.