

Name \_\_\_\_\_

**Review 1****Solve the equations.**

1.)  $a - 3.2 = 5.5$

2.)  $m - \frac{3}{18} = \frac{11}{18}$

3.)  $2.3g = 7.13$

4.)  $\frac{1}{4} + b = \frac{3}{4}$

5.)  $c - 56 = 57$

6.)  $1.9 + y = 4.8$

7.)  $55 = 11x$

8.)  $\frac{s}{7} = 12$

9.)  $4.7 = \frac{r}{5}$

10.)  $\frac{2}{5} = \frac{2}{10} + k$

**For each Real World Problem, write and solve an equation to answer the question.**

- 11.) Ali was paid \$75 for mowing a neighbor's yard. This is one fourth of the amount of money she earned all summer. Write and solve an equation to find how much money,  $m$ , Ali earned all summer?

Equation \_\_\_\_\_ Money earned \_\_\_\_\_

- 12.) Zaira spent 55 hours in 2 weeks working on a science project. She worked 32 hours the first week. Write and solve an equation to find the amount of time,  $t$ , she spent working the second week.

Equation \_\_\_\_\_ Time spent working \_\_\_\_\_

- 13.) The area of a swimming pool is 300 square feet. The width of the pool is 15 feet. Write and solve an equation to find the length,  $x$ , of the pool?

Equation \_\_\_\_\_ Length of pool \_\_\_\_\_

- 14.) For two days in a row, Winston rescued tadpoles from a puddle. He rescued 54 on Friday. This is 17 less than the number he rescued on Saturday. Write and solve an equation to find how many tadpoles,  $t$ , he rescued on Saturday.

Equation \_\_\_\_\_ Number of tadpoles \_\_\_\_\_

**FUNDRAISING** A school is raising money by selling calendars for \$20 each. Mrs. Hawkins promised a party to whichever of her English classes sold the most calendars over the course of four weeks. Use the table to answer Exercises 15 & 16.

- 15.) Write and solve an equation to show the average number of calendars,  $c$ , her 3rd period class sold per week during the four-week challenge.

Equation \_\_\_\_\_

Number of calendars \_\_\_\_\_

Mrs. Hawkins' Fundraising Challenge	
Class	Number of Calendars Sold
1st Period	60
2nd Period	123
3rd Period	89
4th Period	126

- 16.) What was the average number of calendars,  $c$ , sold in a week by all of her classes?

Equation \_\_\_\_\_ Calendars sold \_\_\_\_\_