9/30 4-1 = Math Goal
to recognize patterns when multiplying with zeroes.

Patterns w/ zero's!

$2 \times 3 = 6$
$2 \times 30 = 60$
$2 \times 300 = 600$
$20 \times 30 = 600$
$200 \times 3,000,000 = 600,000,000$

When multiplying with zero's I . . .

multiply the numbers, then add in the number of zero's in the problem.

4-1

Homework

Name _____ Date _____

Solve.

1. 40 × 2	**2.** 400 × 2	**3.** 400 × 20	**4.** 4,000 × 2
5. 80 × 60	**6.** 800 × 60	**7.** 800 × 6	**8.** 80 × 600
9. 70 × 20	**10.** 900 × 40	**11.** 800 × 70	**12.** 6,000 × 7

Solve. *Show your work.*

13. A tortoise walks 27 miles in a year. At this rate, how many miles will this tortoise walk in 10 years?

_____

14. If the tortoise lives to be 100 years old, how many miles will it walk during its lifetime?

_____

15. Every month, Paolo earns $40 for walking his neighbor's dog after school. How much does he earn from this job in one year?

_____

16. There are 60 seconds in a minute and 60 minutes in an hour. How many seconds are there in an hour?

_____

17. An elephant eats about 2,500 pounds of food in 10 days. About how much food does an elephant eat in 1,000 days?

_____

4-2

Homework

Name _____ Date _____

Solve.

1. 60×40

2. 70×40

3. 700×60

4. 300×50

5. 40×50

6. 900×30

7. 400×80

8. 200×50

9. 300×200

The table shows the sizes of Farmer Reuben's fields. Use the table and a separate sheet of paper to help you answer each question.

Corn Field	400 feet by 60 feet
Wheat Field	700 feet by 200 feet
Barley Field	200 feet by 200 feet

10. What is the area of the corn field?

_____

11. What is the area of the wheat field?

_____

12. What is the area of the barley field?

_____

13. How many square feet of land did Farmer Reuben plant in all?

_____