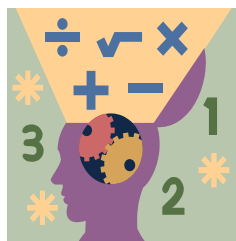


Name: _____ Section: _____

**Homework**

Hello Scholars and Parents. Scholars will continue working on Chapter 2 this week multiplying a one-digit number by a multi-digit number using the distributive property, expanded form and regrouping. Scholars will begin modeling division with tens, hundreds and thousands. There is a **Quiz reviewing multiplication on Thursday September 19.**

Reminder

The 4th Grade Mathematics Curriculum depends on a strong foundation in multiplication and division facts. The remaining chapters require students to be fluent in all multiplication and division facts. These skills were introduced in 2nd grade and should have been mastered in 3rd grade. Please have your children use Reflex Math to reinforce their fact fluency.

Think Central Information

Students have access to Think Central assignments and the GO MATH! Student Interactive Book to review Chapter 2. Please contact me with any questions or concerns at morales.zervos@archimedeandean.org.

Notes

Students **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper. Failure to show your work will result in a lower grade. Please complete the homework to the best of your abilities.

<u>Monday</u>	September 16 th	– 2.4 (1 page)
<u>Tuesday</u>	September 17 th	– 2.5 (1 page)
<u>Wednesday</u>	September 18 th	– 2.6 (1 page)
<u>Thursday</u>	September 19 th	– FSA Review Day 1 (1 page)
<u>Friday</u>	September 20 th	– 2.7 (1 page)/i-Ready lessons due Sunday

Parents please initial below each day acknowledging your child has completed the assigned homework. **Homework will be checked daily in class. Completed homework packets are due on Monday September 23, 2019 for a grade.**

<u>Monday</u> September 16 th	<u>Tuesday</u> September 17 th	<u>Wednesday</u> September 18 th	<u>Thursday</u> September 19 th	<u>Friday</u> September 20 th

Name _____ Date _____

Problem
Solving
2.4

Problem Solving – Distributive Property

Read and solve. Draw a model and write an equation.

1. The school was building a stage. The length of the stage was 15 feet. The width of the stage was 9 feet. What is the area of the stage?
2. At Staples, each binder costs \$13. What is the cost of 9 binders?
3. The ice-skating rink rents 18 pairs of skates in an hour. How many pairs of skates does the rink rent in 6 hours?
4. David swims 14 laps a day. How many laps can David swim in a week?
5. Select all the expressions that have a product of 84.
 - a. 16×4
 - b. 14×6
 - c. 21×4
 - d. 26×3
6. The model below shows how many flowers Ali planted in her garden. How many total flowers did Ali plant? Write an equation to prove your answer.

7. Dorraine baked cookies for the bake sale. She put 19 cookies in each box and filled 8 boxes. How many cookies did she bake?
8. The zoo admitted 18 adults into the petting zoo on Friday. Each adult had 3 children. How many total people entered the petting zoo on Friday?

Name _____ Date _____

Problem
Solving
2.5

Problem Solving – Expanded Form

Read and solve. Show your work.

1. At the Apple store, each mini ipad costs \$397. If Yasmin bought 4 mini ipads, how much money did she spend?

2. Kelsey needs 3 computers for her office. Each computer costs \$1,879. Finish Kelsey's area model below to help her find the product.

	1,000			
3	3,000			

4. Ms. Maria's fourth grade classes answered 1,347 multiplication fact problems last month. If there were 5 classes, how many multiplication facts did the 5 classes answer?

5. Matthew read 6 books over the summer. Each book had a total of 252 pages. How many pages did Matthew read?

6. Select **all** the expressions that have a product of 1,002. Proove your work.

- a. 212×6
b. 334×3
c. 501×2
d. 203×4

7. Look at the model. Which multiplication problem does it represent? Find the product.

2,000	300	40	5

- a. $2,300 \times 3$
b. $2,343 \times 5$
c. $2,345 \times 5$
d. $2,345 \times 3$

- 3 8. Zoe save \$463 each month from her baby-sitting job. How much money will Zoe save in 6 months?

Name _____ Date _____

Problem
Solving
2.6

Problem Solving – Multiplication with Regrouping

Read and solve. Write an equation and show your work.

- | | |
|---|-------------------------------------|
| 1. Find the product of 2,384 and 6. | 2. Find the product of 3,594 and 7. |
| 3. A cheetah can run at speeds of up to 117 km per hour. How far does a cheetah run in 4 hours? | |
| 4. Alley Spring produces an average of 4,567 gallons of water per week. How many gallons of water do the springs produce in 4 weeks? | |
| 5. Tom, his wife and his 3 children want to go on a Disney cruise. The price of an adult ticket is \$699 and the price of a child ticket is \$484. What is the total cost of the cruise for Tom's family? | |
| 6. Mr. James travels 789 miles per week for work. How many miles does he travel in 4 weeks? | |
| 7. A factory produces 2,167 screwdrivers every hour. How many screwdrivers will the factory produce in 3 hours? | |
| 8. A flight to Greece costs \$1,685. How much will it cost for Ed and his 4 friends to travel to Greece? | |

100 Day Countdown to the 4th Grade Math FSA – Day 1

MAFS.4.OA.1.1

1. Select the statement that represents $35 = 5 \times 7$.

- A. Pat collected 5 cars one year and 7 cars the next year.
- B. Pat collected 5 cars each year for 7 years.
- C. Pat had a collection of 35 cars and gave 7 of them away.
- D. Pat had a collection of 5 cars and increased the number of cars by 35.

MAFS.4.OA.1.1

2. Pat has 8 times as many model cars as John. John has 2 model cars. Create a multiplication equation that represents the situation.

MAFS.4.OA.1.1

3. Pat has 12 times as many model cars as John. John has 5 model cars. Select the expression that shows how many cars Pat has. Mark all that apply.

- ☐ 5×12
- ☐ $5 + 12$
- ☐ $12 + 5$
- ☐ $12(5)$
- ☐ $12(12 + 5)$

MAFS.4.OA.1.2

4. Johnny has 30 marbles. Mark has m marbles. If Johnny has 10 times as many marbles as Mark, write an equation that shows how many marbles Mark has.

MAFS.4.OA.1.2

5. Mrs. O'Neill has 2 times as many markers as colored pencils. The total number of markers and colored pencils is 21. How many markers does Mrs. O'Neill have?

- A. 7
- B. 6
- C. 9
- D. 14

Name: _____

Score: ____/5

Percentage: ____%

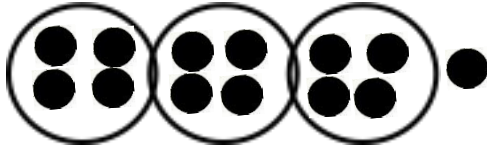
Name _____ Date _____

Problem
Solving
2.7

Problem Solving – Model Division

Read and solve. Write an equation and show the division.

1. Look at the model below. What division problem does it show?



2. Lucy sold \$630 worth of pencils. If each box of pencils costs \$7, how many boxes of pencils did she sell?

3. Daniel has 5,600 baseball cards. He gives his 8 friends an equal number of cards. How many cards did he give each friend?

4. Julia has 210 fish. She puts an equal number of fish into 7 fish tanks. How many fish went into each tank?

5. Damian has 720 stamps. If he puts 8 stamps on each page, how many pages will Damian fill?

6. Parshvi cut 420 roses from her garden. She puts an equal number of roses into 6 vases. How many roses did she put in each vase?

7. Hannah has 490 pencils. She puts an equal number of pencils into 7 containers. How many pencils did she put in each container?

8. Tomas has 3,200 tomato seedlings to plant at his farm. He wants to plant 4 seedlings in each row. How many rows of tomato seedlings will Tomas plant?

9. Mihalís bought 3,600 gumballs. He wants to give an even number of gumballs to each of his 4 teachers. How many gumballs will each teacher get?

10. Anadia baked 4,800 cookies for the bake sale. She put the cookies evenly into 8 boxes. How many cookies did she put in each box?

11. At the Archimedean Awards Assembly, 240 students sit in 8 equal rows. How many students sit in each row?

12. There are 640 students going on a field trip. If there are 8 buses, how many students can each bus hold?