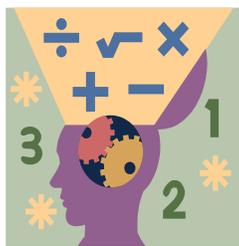Hello scholars and parents. We will complete the Chapter 1 Review this week and begin studying Chapter 2. Scholars will understand how to divide by 2-digit divisors in Lesson 2.1 and how to interpret remainders when solving a division problem in Lesson 2.2.
If you have any questions or concerns, please feel free to contact me at vasily.tserekh@archimedean.org

Notes

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

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Tuesday	September 5	– No homework
Wednesday	September 6	– (Homework page 43)
Thursday	September 7	– (Homework page 49)
Friday	September 8	– (No homework)

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 Friday September 8th , 2023 for a grade.**

Monday	Tuesday September 5	Wednesday September 6	Thursday September 7	Friday September 8 Due day
	No homework			

Divide by 2-Digit Divisors

Divide. Write the remainder as a fraction. Check your answer.

24. $385 \div 12$

$$32\tfrac{1}{12}$$
$$12\overline{)385}$$
$$\underline{-36}$$
$$25$$
$$\underline{-\;24}$$
$$1$$

25. $837 \div 36$

26. $16{,}504 \div 55$

27. $5{,}634 \div 18$

28. $28\overline{)64{,}512}$

29. $52\overline{)5{,}256}$

30. $85\overline{)1{,}955}$

31. $46\overline{)57{,}624}$

Problem Solving Real World

32. Factory workers make 756 machine parts in 36 hours. Suppose the workers make the same number of machine parts each hour. How many machine parts do they make each hour?

33. One bag holds 12 bolts. Several bags filled with bolts are packed into a box and shipped to the factory. The box contains a total of 2,760 bolts. How many bags of bolts are in the box?

34. **WRITE** ▸ *Math* Choose a problem that you solved in the lesson and solve the same problem using the partial quotients method. Compare the methods to solve the problems. Name the method you like better and explain why.

Interpret the Remainder

Interpret the remainder to solve.

11. Warren spent 140 hours making 16 wooden toy trucks for a craft fair. If he spent the same amount of time making each truck, how many hours did he spend making each truck?

$$
\begin{array}{r}
8 \\
16 \overline{)140} \\
-128 \\
\hline
12
\end{array}
$$

$8\frac{12}{16}$ **hours**

12. Mihir has 14,203 beads. He uses 36 beads to make one necklace. How many necklaces can he make?

Problem Solving Real World

13. A campground has cabins that can each hold 28 campers. There are 148 campers visiting the campground. How many cabins are full if 28 campers are in each cabin?

14. Frida has 220 ounces of cleaning solution that she wants to divide equally among 12 large containers. How much cleaning solution should she put in each container?

15. **WRITE** *Math* Suppose you have 192 marbles in groups of 15 marbles each. Find the number of groups of marbles that you have. Write the quotient with the remainder written as a fraction. Explain what the fraction part of your answer means.