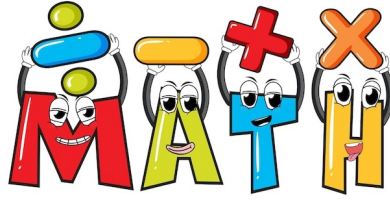


Name: _____ Section: _____



Homework

This week we will start Chapter 10.

Complete homework daily based on the schedule provided below. Please do not work ahead on homework assignments. Failure to complete homework will result in points deducted.

Scholars will complete a quiz on Friday, January 26th (practice from the Homework.

Homework will be checked daily in class.

Reminders

Please have your child use Reflex Math to master and reinforce their fact fluency. The 3rd Grade curriculum depends on a strong foundation in multiplication and division facts.

Extra Practice

Additional practice for the daily lesson is available on HMH. To access login in into HMH, go to assigned lessons. There you can find the assigned lessons for extra practice. Scholars can also review daily lesson on Archimedean Cinemath, under section 3A for all sections.

Notes

Upload Homework on Archie no later than Sunday, January 28th

Please feel free to contact me with any questions or concerns at diana.charaf@archimedean.org.

Monday, January 22nd – pages: 457, 458

Tuesday, January 23rd – pages: 463, 464

Wednesday, January 24th – pages: 469, 470

Thursday, January 25th – pages: 475, 476

Friday, January 26th – pages: 481, 482

Multiplication Comparisons

Go Online

Interactive Examples

Draw a bar model and write a multiplication expression to represent the comparison.

1. 4 times as many as 7

2. 5 times as many as 3

Describe the multiplication expression as a comparison.

- 3.
- 7×6

_____ times as many as _____

- 4.
- 3×8

_____ times as many as _____

- 5.
- 8×5

_____ times as many as _____

- 6.
- 9×12

_____ times as many as _____

Problem Solving

Use information in the pictures for Problems 7–9.

7. The toy store has 4 times as many whistles as yo-yos. Write a multiplication expression to represent the number of whistles compared to yo-yos.

8. Write a comparison statement about the wind-up ducks that could be described using the expression 11×5 .

9. The toy store has 8 times as many soccer balls as spinning tops. Write a multiplication expression to represent the number of soccer balls compared to spinning tops.



Lesson Check

Fill in the bubble completely to show your answer.

10. Ela sells 5 boxes of greeting cards. Sam sells 3 times as many boxes as Ela. Which expression represents the number of boxes that Sam sells compared to Ela?
- (A) $5 \times 5 \times 5$
(B) $5 + 3$
(C) $5 - 3$
(D) 3×5
11. Kaitlin collects 6 bottle caps for a prize. Jin collects 4 times as many bottle caps as Kaitlin. Which expression represents the number of bottle caps that Jin collects compared to Kaitlin?
- (A) $6 + 4$
(B) $6 \times 6 \times 6 \times 6$
(C) 4×6
(D) $4 \times 4 \times 4 \times 4 \times 4 \times 4$
12. Farrah has 18 crayons. John's crayons can be represented by 2×18 . Which comparison statement describes the expression?
- (A) 18 more than 2
(B) 2 times as many as 18
(C) 2 more than 18
(D) 2 fewer than 18
13. Justin writes the multiplication expression 3×9 . Which comparison statement describes the expression that Justin wrote?
- (A) 3 more than 9
(B) 9 more than 3
(C) 3 times as many as 9
(D) 3 fewer than 9

Spiral Review

14. Donte has 3 math books and 5 science books. Ramya has 4 more books than Donte. How many books does Ramya have?
- (A) 12
(B) 8
(C) 4
(D) 2
15. A scientist collected data on rainfall for 48 months. For how many years did she collect the data?
- (A) 12
(B) 4
(C) 3
(D) 2

Name _____

Identify, Create and Extend Patterns

Go Online

Interactive Examples

Describe a pattern for the table. Then complete the table.

1.

Pans	1	2	3	4	5
Muffins	6	12	18		

2.

Wagons	2	3	4	5	6
Wheels	8	12	16		

3.

Flowers	14	21	28	35	42
Vases	2		4		6

4.

Spiders	1	2	3	4	5
Legs	8		24		40

Problem Solving

5. Caleb buys 5 cartons of yogurt. Each carton has 8 yogurt cups. How many yogurt cups does Caleb buy?

6. Latoya bought 12 packages of pencils. Each package has 6 pencils. How many pencils did Latoya buy?

7.  **WRITE** *Math* How does finding a pattern help you complete a table?

Lesson Check

8. What is the fifth term in the pattern?
9. What number completes this table?

Tables	1	2	3	4	5
Chairs	5	10	15	20	■

Butterflies	3	4	5	6	7
Wings	12	16	20	■	28

Spiral Review

10. Jennilee buys 7 packs of crayons. There are 6 crayons in each pack. How many crayons does Jennilee buy?
11. Maverick has 11 books of circus tickets. Each book has 5 tickets. How many tickets does Maverick have?

12. Bailey walked his dog 2 times each day for 9 days. How many times did Bailey walk his dog?
13. Drew’s Tree Company delivers pear trees in groups of 4. Yesterday, the company delivered 8 groups of pear trees. How many pear trees were delivered?

Determine Multiples

Go Online

Interactive Examples

1. Which of the following are multiples of 7?

Select all that apply.

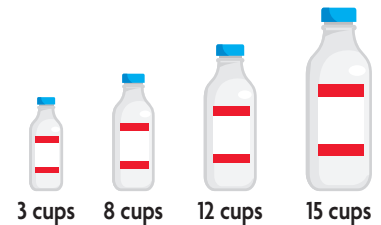
14 27 36 49

2. Which of the following are multiples of 3?

Select all that apply.

15 24 29 33

3. **MTR** There are 2 cups in a pint. Which containers hold whole numbers of pints? Show or explain how you found your answer.



Find the first four multiples of the number. Write multiplication equations to show that they are multiples.

4. 12: _____

5. 9: _____

6. 1: _____

7. **MTR** Biscuits are sold in cans of 8. How many biscuits are in 1 to 5 cans?

8. Find the first 3 multiples of 6. Write division equations to show that they are multiples.

9. Karl says that 42 is a multiple of both 6 and 7. Is he correct? Explain.

Lesson Check

Fill in the bubble completely to show your answer.

10. Which number is a multiple of 7?

(A) 17

(B) 24

(C) 36

(D) 49

11. Which number is not a multiple of 12?

(A) 48

(B) 96

(C) 121

(D) 144

12. Which of the following are multiples of 2?

(A) 8

(C) 29

(E) 55

(B) 14

(D) 38

13. A toy robot requires 4 batteries. How many batteries are needed for 1 to 5 robots?

Spiral Review

Find the sum.

14.
$$\begin{array}{r} 4,325 \\ + 1,984 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 2,907 \\ + 6,438 \\ \hline \end{array}$$

Find the difference.

16.
$$\begin{array}{r} 5,716 \\ - 3,940 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 7,004 \\ - 6,928 \\ \hline \end{array}$$

Determine Even or Odd Using Divisibility Rules

Go Online

Interactive Examples

Tell if the product will be *odd* or *even*.

1. 3×41 _____

2. 56×9 _____

3. 64×8 _____

4. 3×50 _____

Circle the numbers divisible by 2.

5. 113

6. 572

7. 488

8. 326

9. 631

10. 234

Problem Solving



11. Kenji writes the numbers 230 and 607. He says that both numbers are divisible by 2. Is Kenji correct? Explain.

12. Kara uses some buttons to decorate 6 puppets. She uses 8 buttons on each puppet. Will the number of buttons Kara uses be an even or an odd number? Explain.

13. Miguel has a group of 17 red counters and a group of 13 yellow counters. He arranges the counters into stacks of 5. Does he have an odd or even number of stacks? Explain.

Lesson Check

Fill in the bubble completely to show your answer.

14. Dale tosses three number cubes shown below.



Which is an even number Dale can make from the numbers?

- (A) 536
- (B) 635
- (C) 563
- (D) 365

16. A mystery number is odd and has 2 digits. The sum of the digits is 11. The digit in the tens place is between 0 and 3. What is the mystery number?

- (A) 29
- (B) 38
- (C) 47
- (D) 56

15. Gerard tosses four number cubes shown below.



Which set of numbers that Gerard makes are all odd?

- (A) 216, 619, 926
- (B) 169, 921, 269
- (C) 692, 961, 219
- (D) 926, 261, 692

17. A mystery number is even and has 2 digits. The difference between the digits is 3. The digit in the ones place is between 0 and 4. What is the mystery number?

- (A) 30
- (B) 63
- (C) 96
- (D) 41

Spiral Review

Write the numbers in standard form.

18. four thousand, twenty-seven

20. six thousand, one

19. five thousand, nine hundred two

21. eight thousand, forty

Find Unknown Numbers

Go Online

Interactive Examples

Find the unknown number.

1. $n \times 3 = 12$

Think: How many groups of 3 equal 12?

$n = \underline{4}$

2. $s \times 8 = 64$

$s = \underline{\hspace{2cm}}$

3. $77 = 7 \times n$

$n = \underline{\hspace{2cm}}$

4. $y \times 2 = 18$

$y = \underline{\hspace{2cm}}$

5. $5 \times p = 60$

$p = \underline{\hspace{2cm}}$

6. $56 = 8 \times t$

$t = \underline{\hspace{2cm}}$

7. $m \times 4 = 28$

$m = \underline{\hspace{2cm}}$

8. $\star \times 1 = 9$

$\star = \underline{\hspace{2cm}}$

9. $b \times 6 = 54$

$b = \underline{\hspace{2cm}}$

10. $5 \times \blacktriangle = 40$

$\blacktriangle = \underline{\hspace{2cm}}$

11. $30 = d \times 3$

$d = \underline{\hspace{2cm}}$

12. $7 \times k = 42$

$k = \underline{\hspace{2cm}}$

Problem Solving



13. Carmen spent \$42 for 6 hats. How much did each hat cost?

14. Mark has a baking tray with 24 muffins. The muffins are arranged in 4 equal rows. How many muffins are in each row?

15. **WRITE** *Math* Explain why it does not matter what letter or symbol is used to find an unknown number.

Lesson Check

16. What is the unknown number?

$$b \times 7 = 56$$

17. What is the unknown number shown by this array?



$$3 \times \blacksquare = 24$$

Spiral Review

18. The equation $4 \times 6 = 6 \times 4$ is an example of what property?

19. Find the product.

$$5 \times (4 \times 2)$$

20. The equation $4 \times 7 = (4 \times 3) + (4 \times 4)$ is an example of what property?

21. In a group of 10 children, each child had 2 hats. How many hats did they have?
