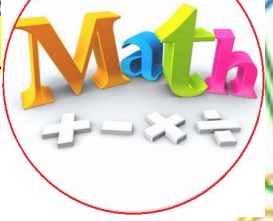


Name: \_\_\_\_\_

Section: \_\_\_\_\_

**WRITE YOUR NAME  
OR NO GRADE!!!**

### Homework

This week we will be finishing multiplication and begin with division.

**Homework is due on MONDAY DECEMBER 11**

### Reminders

Please remember that homework is just a reinforcement of what we do in class. When a scholar completes homework, they are retaining the information. A scholar who does not complete the homework is more likely to forget what was learned in class.

### Notes

- Homework is graded for completion. **However, students must show their work.** Students will lose 50% of the points if they turn in homework showing no work, even if the answers are present.
- **I will not accept homework more than four days late.** If the homework is **due on Monday**, the last day to turn it in will be **Friday**. Late homework will have points deducted. Homework will be graded as follows:
  - o On time and complete/work shown: 100%
  - o One day late: deduct 11 %
  - o Two days late: deduct 21 %
  - o Three days late: deduct 31%
  - o Four days late: deduct 41%
  - o Five days or more late: Z

Please feel free to contact me with any questions or concerns at [natalie.roman@archimedean.org](mailto:natalie.roman@archimedean.org).

|                          |                  |            |                        |
|--------------------------|------------------|------------|------------------------|
| <input type="checkbox"/> | <u>Monday</u>    | December 4 | Review for Test        |
| <input type="checkbox"/> | <u>Tuesday</u>   | December 5 | Finish Review for Test |
| <input type="checkbox"/> | <u>Wednesday</u> | December 6 | NONE - TEST            |
| <input type="checkbox"/> | <u>Thursday</u>  | December 7 | NONE- Field Trip       |
| <input type="checkbox"/> | <u>Friday</u>    | December 8 | None                   |

**Reflex Math  
- 3 green  
lights this  
week!**

Name \_\_\_\_\_

# Chapter Review

1. For Problems 1a–1d, tell whether the fractions are equivalent by selecting the correct symbol.

1a.  $\frac{4}{16}$  =  $\frac{1}{4}$   
≠

1c.  $\frac{30}{100}$  =  $\frac{3}{10}$   
≠

1b.  $\frac{3}{5}$  =  $\frac{12}{15}$   
≠

1d.  $\frac{6}{10}$  =  $\frac{5}{8}$   
≠

2. Juan's mother gave him a recipe for trail mix.

$\frac{3}{4}$  cup cereal

$\frac{2}{3}$  cup almonds

$\frac{1}{4}$  cup peanuts

$\frac{1}{2}$  cup raisins

Juan doubled the amount of almonds to  $\frac{4}{3}$  cups. He says that is the same as  $1\frac{1}{2}$  cups. Is he correct? Explain.

\_\_\_\_\_

3. Taylor cuts  $\frac{1}{5}$  sheet of construction paper for an arts and crafts project. Write  $\frac{1}{5}$  as an equivalent fraction with the denominators shown.

10

15

25

40

4. A mechanic has sockets with the sizes shown. What other fractions could represent the socket that is  $\frac{1}{4}$  inch? Use the denominators of the other sizes.

$\frac{7}{8}$  in.

$\frac{3}{16}$  in.

$\frac{1}{4}$  in.

$\frac{3}{8}$  in.

$\frac{4}{8}$  in.

$\frac{11}{16}$  in.

\_\_\_\_\_

5. Darcy bought  $\frac{3}{4}$  pound of hamburger for a barbecue.  
Write two equivalent fractions.

$$\frac{3}{4} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

6. Jett is practicing the piano. He spends  $\frac{1}{4}$  hour practicing scales and  $\frac{1}{3}$  hour practicing the song for his recital. For Problems 6a–6c, choose Yes or No to tell whether each of the following is a true statement.

6b. The amount of time spent practicing scales can be represented as  $\frac{3}{12}$  hour. ☐ Yes ☐ No

6c. The amount of time spent practicing the recital song can be represented as  $\frac{6}{12}$  hour. ☐ Yes ☐ No

7. In the school chorus, 1 out of 6 of the students are fourth graders. If there are 24 students in the school chorus, how many are fourth graders?

\_\_\_\_\_ students

8. Which pairs of fractions are equivalent? Mark all that apply.

☐  $\frac{8}{12}$  and  $\frac{2}{3}$  ☐  $\frac{4}{5}$  and  $\frac{12}{16}$   
☐  $\frac{3}{4}$  and  $\frac{20}{28}$  ☐  $\frac{7}{10}$  and  $\frac{21}{30}$

9. Ren worked on his science fair project for  $\frac{9}{10}$  hour. What are three ways Ren can write  $\frac{9}{10}$  as a sum of fractions?

Name \_\_\_\_\_

10. a. Charles was skip counting at the Math Club meeting. He counted 8, 16, 24, 32, 40, and 48. Extend the pattern by three more numbers.

\_\_\_\_\_

10. b. Sofia wrote the number 40. If her rule is *add 7*, what is the fourth number in Sofia's pattern? Do you see another number pattern?

10. c. What is the pattern? Then write the next four terms in the pattern.  
4, 9, 7, 12, 10, 15, 13, . . .

11. In Exie's homeroom,  $\frac{10}{28}$  of the students have a cat,  $\frac{6}{12}$  have a dog, and  $\frac{2}{14}$  have a pet bird. For Problems 11a–11c, choose True or False for each statement.

11a.  $\frac{5}{14}$  of the students have a cat. ☐ True ☐ False

11b.  $\frac{1}{4}$  of the students have a dog. ☐ True ☐ False

11c.  $\frac{1}{7}$  of the students have a pet bird. ☐ True ☐ False

12. Regina, Freya, Pablo, and Ellen hiked around Bear Pond. Regina hiked  $\frac{7}{10}$  of the distance in an hour. Freya hiked  $\frac{3}{6}$  of the distance in an hour. Pablo hiked  $\frac{70}{100}$  of the distance in an hour. Ellen hiked  $\frac{3}{8}$  of the distance in an hour. Compare the distances hiked by matching the statements to the correct symbol. Each symbol may be used more than once or not at all.

|                  |   |                |   |   |   |
|------------------|---|----------------|---|---|---|
| $\frac{7}{10}$   |  | $\frac{3}{6}$  |  |  | = |
| $\frac{70}{100}$ |  | $\frac{7}{10}$ |  |  | ≠ |
| $\frac{3}{6}$    |  | $\frac{3}{8}$  |  |   |   |

13. Ramon is having some friends over after a baseball game. Ramon's job is to make a vegetable dip. The ingredients for the recipe are given.

***Ingredients in Vegetable Dip***

$\frac{3}{4}$  cup parsley

$\frac{5}{8}$  cup buttermilk

$\frac{1}{3}$  cup dill

$\frac{1}{2}$  cup cream cheese

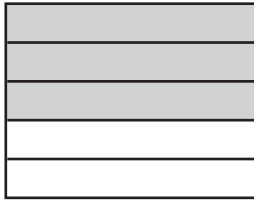
$\frac{6}{8}$  cup scallions

$\frac{1}{16}$  cup lemon juice

How many  $\frac{1}{4}$  cups would Ramon use to measure the correct amount of parsley?

Name \_\_\_\_\_

14. Jasira is ordering bread rolls for her party. She wants  $\frac{3}{5}$  of the rolls to be whole wheat. What other fractions can represent the part of the rolls that will be whole wheat? Shade the models to show your work.



$\frac{3}{5}$



$\frac{\boxed{\phantom{000}}}{25}$



$\frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$

16. Kumani used  $\frac{1}{4}$  yard of red ribbon. Fill in each box with a number from the tiles to show equivalent fractions for  $\frac{1}{4}$ . Not all numbers will be used.

$$\frac{1}{4} = \frac{\boxed{\phantom{000}}}{8} = \frac{4}{\boxed{\phantom{000}}} = \frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}}$$

|    |    |    |    |
|----|----|----|----|
| 2  | 3  | 5  | 6  |
| 12 | 15 | 16 | 20 |

18. Suki rode her bike  $\frac{5}{4}$  miles. Claire rode her bike  $\frac{3}{2}$  miles. Together, they rode a total of  $2\frac{3}{4}$  miles. For Problems 18a–18c, answer the question.

18a. Write the distance Suki rode as a mixed number.

\_\_\_\_\_ miles

18b. Write the distance Claire rode as a mixed number.

\_\_\_\_\_ miles

18c. Write the total distance they rode together as a fraction greater than 1.

\_\_\_\_\_ miles