

SUMMER PACKET Mrs. A.  
Cruz/Resource

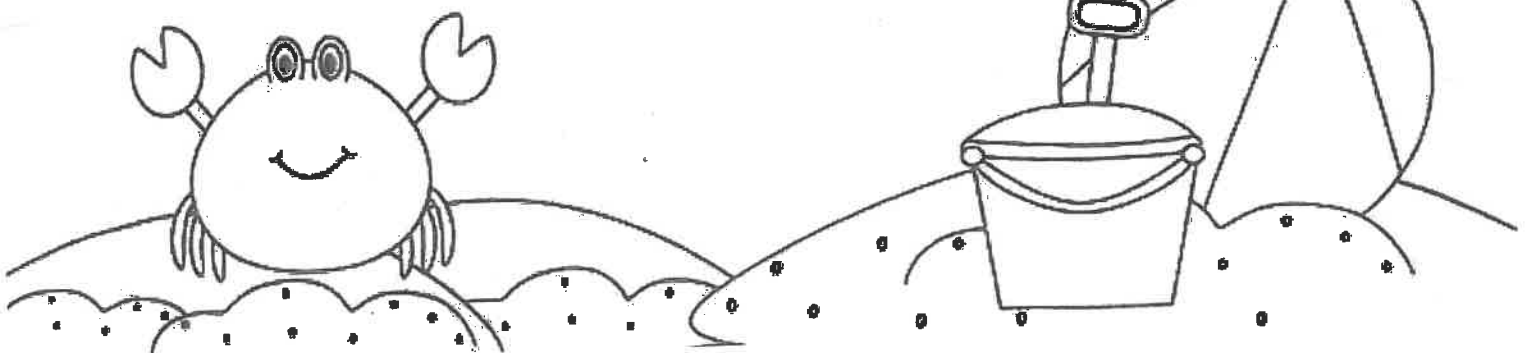
4th - 5th grades

Mathematics

Paterson Public School

#25

Have a wonderful, restful  
and a safe summer!!





June, 2024

Dear Students and Parents,

This truly has been a wonderful and unique year! It was a pleasure working with your child and seeing him/her grow. They have learned so many things. I am very proud of them! To ensure that they retain what they have learned this year, I am providing you with a summer assignment. This includes activities they will need to complete and return the first day of school in September. Please, encourage your child to complete this packet daily. This will help them significantly.

Best wishes for an enjoyable summer break! Thank you! Sincerely,

Mrs. Cruz/Resource Teacher



### Math Websites for Students and Parents to Enjoy!

|                                                                                                                                 |                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="http://www.aplusmath.com">http://www.aplusmath.com</a>                                                                 | This web site was developed to help students improve their math skills interactively. Included are math games, flash cards, worksheets and much more!                                     |
| <a href="http://www.aaamath.com">http://www.aaamath.com</a>                                                                     | AAA Math features interactive arithmetic lessons. Unlimited practice is available on each topic (Kindergarten through Eighth grade level), which allows thorough mastery of the concepts. |
| <a href="http://www.usmint.gov/kids/">http://www.usmint.gov/kids/</a>                                                           | Summer fun with coins! Join the US Mint to teach children about money.                                                                                                                    |
| <a href="http://www.ixl.com/math/">http://www.ixl.com/math/</a>                                                                 | All concepts are based on Michigan math standards. Click on concept and practice and receive instant feedback. Used in 150 countries!                                                     |
| <a href="http://nces.ed.gov/nceskids/createagraph/">http://nces.ed.gov/nceskids/createagraph/</a>                               | Learn how to graph! Here you will find five different graphs and charts for you to consider and to learn about.                                                                           |
| <a href="http://www.coolmath.com/">http://www.coolmath.com/</a>                                                                 | An amusement park of math and more!                                                                                                                                                       |
| <a href="http://www.discoveryeducation.com/free-puzzlemaker/">http://www.discoveryeducation.com/free-puzzlemaker/</a>           | Puzzlemaker is a puzzle generation tool for teachers, students and parents. Create and print customized math puzzles.                                                                     |
| <a href="http://www.quia.com/shared/">http://www.quia.com/shared/</a>                                                           | A website to browse through thousands of learning activities. All of the games and quizzes were created by educators.                                                                     |
| <a href="http://www.math.com/">http://www.math.com/</a>                                                                         | The world of math online! Math practices and more.                                                                                                                                        |
| <a href="http://www.mathfactcafe.com/">http://www.mathfactcafe.com/</a>                                                         | Learn your facts! The math facts factory.                                                                                                                                                 |
| <a href="http://www.teachingtime.co.uk/index.html">http://www.teachingtime.co.uk/index.html</a>                                 | Teaching time.                                                                                                                                                                            |
| <a href="http://timeanddate.com/">http://timeanddate.com/</a>                                                                   | Anything you want to know about dates and times around the world                                                                                                                          |
| <a href="http://nlvm.usu.edu/en/nav/vlibrary.html">http://nlvm.usu.edu/en/nav/vlibrary.html</a>                                 | National Library of Virtual Manipulatives                                                                                                                                                 |
| <a href="http://nlvm.usu.edu/en/nav/category_g_2_t_3.html">http://nlvm.usu.edu/en/nav/category_g_2_t_3.html</a>                 | All about Geometry!                                                                                                                                                                       |
| <a href="http://illuminations.nctm.org/ActivityDetail.aspx?ID=155">http://illuminations.nctm.org/ActivityDetail.aspx?ID=155</a> | Learn your multiplication facts!                                                                                                                                                          |
| <a href="http://www.mathsisfun.com/timestable.html">http://www.mathsisfun.com/timestable.html</a>                               | Timed table facts 1-15 and mixed review                                                                                                                                                   |
| <a href="http://www.econedlink.org/">http://www.econedlink.org/</a>                                                             | Money, Money, Money!                                                                                                                                                                      |





# Multiplication (Vertical)

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

Solve each problem.

$$\begin{array}{r} 1) \quad 57 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad \overset{2}{3}3 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad \overset{3}{9}7 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad \overset{1}{3}7 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 77 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 6) \quad 47 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 7) \quad 74 \\ \times 99 \\ \hline \end{array}$$

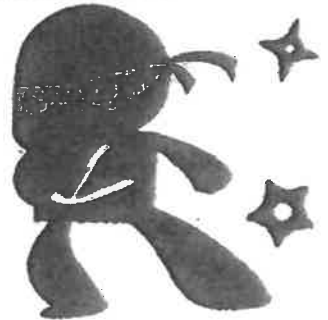
$$\begin{array}{r} 8) \quad 26 \\ \times 17 \\ \hline \end{array}$$

# 3 DIGIT MULTIPLICATION



$$\begin{array}{r} 265 \\ \times 19 \\ \hline 2385 \\ + 2650 \\ \hline 5035 \end{array}$$

$$\begin{array}{r} 185 \\ \times 25 \\ \hline 925 \\ + 3700 \\ \hline 4625 \end{array}$$



MULTIPLY. REGROUP IF NEEDED.

A.  $\begin{array}{r} 499 \\ \times 55 \\ \hline \end{array}$

$$\begin{array}{r} 575 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 705 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 671 \\ \times 35 \\ \hline \end{array}$$

B.  $\begin{array}{r} 292 \\ \times 93 \\ \hline \end{array}$

$$\begin{array}{r} 598 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 485 \\ \times 71 \\ \hline \end{array}$$

$$\begin{array}{r} 113 \\ \times 64 \\ \hline \end{array}$$

Time \_\_\_\_\_

Name \_\_\_\_\_

## Division Timed Practice (0-12)

$50 \div 10 = \underline{\quad}$

$8 \div 1 = \underline{\quad}$

$144 \div 12 = \underline{\quad}$

$15 \div 3 = \underline{\quad}$

$81 \div 9 = \underline{\quad}$

$66 \div 11 = \underline{\quad}$

$30 \div 6 = \underline{\quad}$

$72 \div 12 = \underline{\quad}$

$40 \div 5 = \underline{\quad}$

$24 \div 12 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

$88 \div 8 = \underline{\quad}$

$0 \div 9 = \underline{\quad}$

$14 \div 2 = \underline{\quad}$

$60 \div 12 = \underline{\quad}$

$49 \div 7 = \underline{\quad}$

$36 \div 12 = \underline{\quad}$

$11 \div 1 = \underline{\quad}$

$28 \div 4 = \underline{\quad}$

$120 \div 12 = \underline{\quad}$



Solve each problem.

**Answers**

1)  $6,214 + 3,270 =$  \_\_\_\_\_

1. \_\_\_\_\_

2)  $1,305 - 458 =$  \_\_\_\_\_

2. \_\_\_\_\_

3)  $9,143 + 424 =$  \_\_\_\_\_

3. \_\_\_\_\_

4)  $81 - 21 =$  \_\_\_\_\_

4. \_\_\_\_\_

5)  $438 + 143 =$  \_\_\_\_\_

5. \_\_\_\_\_

6)  $106 - 9 =$  \_\_\_\_\_

6. \_\_\_\_\_

7)  $83 + 61 =$  \_\_\_\_\_

7. \_\_\_\_\_

8)  $23 - 6 =$  \_\_\_\_\_

8. \_\_\_\_\_

9)  $6,053 + 3,382 =$  \_\_\_\_\_

9. \_\_\_\_\_

10)  $9,805 - 817 =$  \_\_\_\_\_

10. \_\_\_\_\_

11)  $95 + 11 =$  \_\_\_\_\_

11. \_\_\_\_\_

12)  $525 - 36 =$  \_\_\_\_\_

12. \_\_\_\_\_



Round each number as described.

Answers

- |                                   |        |       |           |
|-----------------------------------|--------|-------|-----------|
| 1) Round to the nearest hundred.  | 528    | _____ | 1. _____  |
| 2) Round to the nearest hundred.  | 9,791  | _____ | 2. _____  |
| 3) Round to the nearest ten.      | 49     | _____ | 3. _____  |
| 4) Round to the nearest ten.      | 72     | _____ | 4. _____  |
| 5) Round to the nearest hundred.  | 89,678 | _____ | 5. _____  |
| 6) Round to the nearest ten.      | 3,242  | _____ | 6. _____  |
| 7) Round to the nearest ten.      | 7,068  | _____ | 7. _____  |
| 8) Round to the nearest ten.      | 1,526  | _____ | 8. _____  |
| 9) Round to the nearest ten.      | 52     | _____ | 9. _____  |
| 10) Round to the nearest ten.     | 700    | _____ | 10. _____ |
| 11) Round to the nearest ten.     | 6,836  | _____ | 11. _____ |
| 12) Round to the nearest ten.     | 43     | _____ | 12. _____ |
| 13) Round to the nearest hundred. | 78,697 | _____ | 13. _____ |
| 14) Round to the nearest ten.     | 5,524  | _____ | 14. _____ |
| 15) Round to the nearest hundred. | 46,068 | _____ | 15. _____ |
| 16) Round to the nearest ten.     | 3,060  | _____ | 16. _____ |
| 17) Round to the nearest hundred. | 81,103 | _____ | 17. _____ |
| 18) Round to the nearest hundred. | 628    | _____ | 18. _____ |
| 19) Round to the nearest hundred. | 66,683 | _____ | 19. _____ |
| 20) Round to the nearest hundred. | 42,887 | _____ | 20. _____ |

# ESTIMATION STATION

Estimate the sums by rounding the factors to the nearest *hundred*.

1.  $183 + 311 =$  \_\_\_\_\_
2.  $375 + 525 =$  \_\_\_\_\_
3.  $567 + 734 =$  \_\_\_\_\_
4.  $759 + 846 =$  \_\_\_\_\_
5.  $941 + 159 =$  \_\_\_\_\_
6.  $231 + 567 =$  \_\_\_\_\_
7.  $422 + 875 =$  \_\_\_\_\_
8.  $613 + 783 =$  \_\_\_\_\_
9.  $894 + 590 =$  \_\_\_\_\_
10.  $85 + 388 =$  \_\_\_\_\_
11.  $176 + 476 =$  \_\_\_\_\_
12.  $367 + 664 =$  \_\_\_\_\_
13.  $558 + 852 =$  \_\_\_\_\_
14.  $749 + 241 =$  \_\_\_\_\_
15.  $930 + 133 =$  \_\_\_\_\_
16.  $229 + 524 =$  \_\_\_\_\_
17.  $428 + 185 =$  \_\_\_\_\_
18.  $607 + 77 =$  \_\_\_\_\_
19.  $876 + 314 =$  \_\_\_\_\_
20.  $125 + 124 =$  \_\_\_\_\_



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

Select the one best answer for each question. **DO NOT** use a calculator in completing this packet.

1. Which of the following sets of numbers are all of the factors of 24?

- A. 1, 3, 8, 24
- B. 2, 4, 6, 8, 12, 24
- C. 2, 3, 4, 6, 8, 12
- D. 1, 2, 3, 4, 6, 8, 12, 24

2. Which of the following numbers is a multiple of 8?

- A. 18
- B. 28
- C. 44
- D. 56

3. The following are all multiples of a one-digit number: 12, 24, 30, 42.

- A. 5
- B. 6
- C. 7
- D. 8

4. Which number is a multiple of 3?

- A. 83
- B. 84
- C. 85
- D. 86

5. Which of the following set of numbers are all multiples of 7?

- A. 35, 47, 52
- B. 35, 36, 37
- C. 35, 42, 49
- D. 37, 47, 57

13. Solve  $136 - 67$ .

- A. 61
- B. 69
- C. 71
- D. 79

14. Solve  $206 - 48$ .

- A. 158
- B. 242
- C. 162
- D. 262

15. Which expression is equal to  $3 \times 49$ ?

- A.  $3 \times (4 + 9)$
- B.  $3 + (40 \times 9)$
- C.  $3 \times (40 + 9)$
- D.  $(3 \times 4) + (3 \times 9)$

16. Which has the same value as  $57 \times 4$ ?

- A.  $(50 \times 4) + (7 \times 4)$
- B.  $(50 + 5) + 2$
- C.  $(50 \times 5) + 2$
- D.  $(50 \times 4) + 7$

17. Which expression is equal to  $83 \times 5$ ?

- A.  $80 \times (3 + 5)$
- B.  $(80 \times 5) + (3 \times 5)$
- C.  $(5 \times 80) + 3$
- D.  $(80 \times 5) + (80 \times 3)$

18. Solve the following:

$$\begin{array}{r} 2,749 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 156 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 837 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 368 \\ \times 20 \\ \hline \end{array}$$

25. If  $600 \div A = 300$ , what is A?

- A. 200
- B. 30
- C. 20
- D. 2

26. Fill in the blank with the number that makes this math sentence correct:

$$12 \times \underline{\hspace{1cm}} = 60$$

- A. 7
- B. 4
- C. 6
- D. 5

27. What value of A makes the number sentence true?

$$100 \div A = 20$$

- A. 4
- B. 5
- C. 80
- D. 120

28. What value of n makes the equation below true?

$$n \div 7 = 21$$

- A. 3
- B. 28
- C. 141
- D. 147

29. Which value of g makes the number sentence true?

$$g \div 8 = 32$$

- A. 4
- B. 24
- C. 40
- D. 256

30. What value of p makes the equation below true?

$$270 \div p = 27$$

- A. 7
- B. 8
- C. 9
- D. 10

37. What is another way to write 0.7 inches?

- A.  $\frac{7}{10000}$  inches
- B.  $\frac{7}{1000}$  inches
- C.  $\frac{7}{100}$  inches
- D.  $\frac{7}{10}$  inches

38. Which is equal to 0.45?

A.  $\frac{4}{5}$

B.  $\frac{45}{100}$

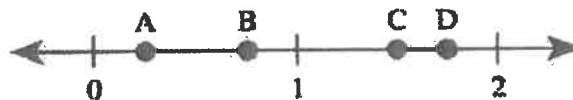
C.  $\frac{100}{45}$

D.  $\frac{5}{100}$

39. Which number is the same as one fourth?

- A. 0.4
- B. 0.04
- C. 0.25
- D. 0.75

40. Which point on the number line below *best* represents 1.75?

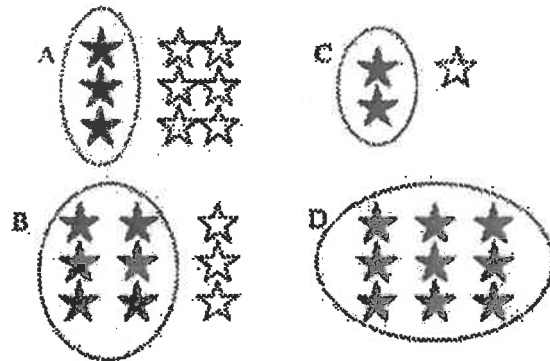


- A. Point A
- B. Point B
- C. Point C
- D. Point D

41. Match the following: Draw a line to make a match.

|                  |     |
|------------------|-----|
| Four tenths      | .08 |
| Eight hundredths | .3  |
| 64 hundredths    | .4  |
| 3 tenths         | .64 |

46. Choose the circled group that represents  $\frac{1}{3}$ .



- A. A
- B. B
- C. C
- D. D

47. There are 4 red cars, 5 blue cars, and 2 green cars in the parking lot. What is the fraction of Blue cars in the parking lot?

- A.  $\frac{5}{4}$
- B.  $\frac{5}{9}$
- C.  $\frac{5}{11}$
- D.  $\frac{11}{5}$

48. What is the fraction for the shaded part of this set?



- A.  $\frac{3}{8}$
- B.  $\frac{3}{4}$
- C.  $\frac{3}{7}$

52. How many twelfths equal  $\frac{5}{6}$ ?

- A.  $\frac{10}{12}$
- B.  $\frac{11}{12}$
- C.  $\frac{6}{12}$
- D.  $\frac{5}{12}$

53. How many eighths equal  $\frac{1}{4}$ ?

- A.  $\frac{1}{8}$
- B.  $\frac{2}{8}$
- C.  $\frac{4}{8}$
- D.  $\frac{7}{8}$

54. Which number is an improper fraction?

- A.  $\frac{11}{12}$
- B.  $\frac{5}{8}$
- C.  $\frac{8}{5}$
- D.  $\frac{6}{7}$

55. Convert this improper fraction into a mixed number.  $\frac{11}{2}$

- A.  $11\frac{1}{2}$
- B.  $\frac{2}{11}$
- C.  $4\frac{1}{2}$
- D.  $5\frac{1}{2}$

56. Which of the following is listed from smallest to largest? Draw pictures

- A.  $\frac{11}{4}, \frac{15}{6}, 2\frac{7}{12}$
- B.  $\frac{15}{6}, \frac{8}{3}, 2\frac{7}{12}$
- C.  $\frac{15}{6}, 2\frac{7}{12}, \frac{8}{3}$
- D.  $\frac{8}{3}, 2\frac{7}{12}, \frac{11}{4}$

Solve the following:

$1 \times 9 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$9 \times 7 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$9 \times 9 = \underline{\quad}$

$24 \div 3 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$56 \div 7 = \underline{\quad}$

$4 \times 0 = \underline{\quad}$

$48 \div 6 = \underline{\quad}$

$18 \div 6 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

62. How much is  $1.14 \div 2$ ? Again do not use a calculator.

- A. .7
- B. .52
- C. .57
- D. 1.7

63. Which of the following is closest to the sum of 811 and 356? No calculator.

- A. 1400
- B. 1300
- C. 1200
- D. 1100

64. Which of the following is closest to the product of 81 and 82? Do not use a calculator.

- A. 6400
- B. 7200
- C. 720
- D. 64,000

65. One hundred fourth graders at Beacon Tree Elementary are attending a field day. The teachers need to know how many hot dogs to buy. All the following are reasonable approximations EXCEPT.

- A. 100 hot dogs
- B. 150 hot dogs
- C. 200 hot dogs
- D. 50 hot dogs

66. A cat sleeps an average of 17 hours each day. About how many hours does a cat sleep in a month?

- A. 300 hours
- B. 600 hours
- C. 170 hours
- D. 6000 hours

Find the difference:

|            |            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|------------|
| 701        | 68         | 100        | 63         | 35         | 114        | 66         |
| <u>-35</u> | <u>-27</u> | <u>-37</u> | <u>-47</u> | <u>-15</u> | <u>-37</u> | <u>-24</u> |

Find the product:

|             |             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 36          | 47          | 59          | 28          | 19          | 56          | 78          |
| <u>x 47</u> | <u>x 68</u> | <u>x 39</u> | <u>x 18</u> | <u>x 47</u> | <u>x 36</u> | <u>x 37</u> |

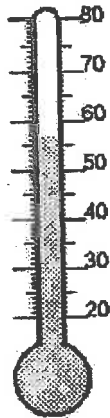
69. Which is most likely the length of a telephone book?

- A. 30 kilometers
- B. 30 centimeters
- C. 30 millimeters
- D. 30 meters

70. Brent is making a sail for a toy boat. The sail needs to be 3.55 cm wide. Which measure would be MOST useful in making the sail?

- A. To the nearest millimeter
- B. To the nearest decimeter
- C. To the nearest meter
- D. To the nearest kilometer

71. What temperature is shown on this thermometer, to the nearest degree?

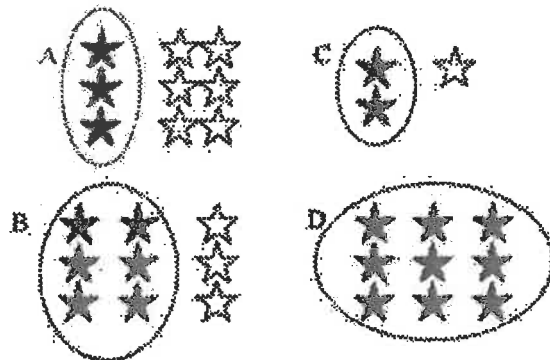


- A. 50 degrees C
- B. 55 degrees C
- C. 57 degrees C
- D. 60 degrees C

72. Bobbie was writing an article for the school newspaper about the amount of homework the 4<sup>th</sup> grade teachers were assigning. He was surprised to find out that the average student only spent 20 minutes per night doing homework. To make it sound longer, he decided to convert the time from minutes to seconds in the article. How many seconds did the average student spend on homework?

- A. 80 seconds
- B. 120 seconds
- C. 800 seconds
- D. 1,200 seconds

46. Choose the circled group that represents  $\frac{1}{3}$ .



- A. A
- B. B
- C. C
- D. D

47. There are 4 red cars, 5 blue cars, and 2 green cars in the parking lot. What is the fraction of Blue cars in the parking lot?

- A.  $\frac{5}{4}$
- B.  $\frac{5}{9}$
- C.  $\frac{5}{11}$
- D.  $\frac{11}{5}$

48. What is the fraction for the shaded part of this set?



- A.  $\frac{3}{8}$
- B.  $\frac{3}{4}$
- C.  $\frac{3}{7}$

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

## Writing and Reading Numbers Up to 9,999

Write the word name for each number below.

example: 2,578 - two thousand, five hundred seventy-eight



a. 3,415 - \_\_\_\_\_

b. 9,634 - \_\_\_\_\_

c. 5,672 - \_\_\_\_\_

d. 8,032 - \_\_\_\_\_

e. 4,400 - \_\_\_\_\_

f. 6, \_\_\_\_\_

g. 9, \_\_\_\_\_

Now write

example: four thousand, six hundred seven - 4,607

h. three thousand, one hundred fifteen - \_\_\_\_\_

i. one thousand, four hundred five - \_\_\_\_\_

j. seven thousand, twenty-one - \_\_\_\_\_

k. eight thousand, ninety-two - \_\_\_\_\_

l. five thousand, six hundred, eighty-six - \_\_\_\_\_

m. two thousand, eighty - \_\_\_\_\_

n. nine thousand, ninety-nine - \_\_\_\_\_



# PREVIEW

Please log in or register to download  
the printable version of this worksheet.



Fill in the blank to make each conversion true.

One trick to remember the American Capacity conversions is to remember the numbers:

8 2 2 4

These correspond to the measurement units needed for the next higher measurement unit (see the example to the right).

8 Ounces = 1 Cup

2 Cups = 1 Pint

2 Pints = 1 Quart

4 Quarts = 1 Gallon

## Answers

- 1) \_\_\_\_\_ ounces = 2 cups
- 2) \_\_\_\_\_ ounces = 7 cups
- 3) \_\_\_\_\_ cups = 40 ounces
- 4) \_\_\_\_\_ cups = 32 ounces
- 5) \_\_\_\_\_ cups = 80 ounces
- 6) \_\_\_\_\_ cups = 3 pints
- 7) \_\_\_\_\_ cups = 2 pints
- 8) \_\_\_\_\_ cups = 5 pints
- 9) \_\_\_\_\_ pints = 14 cups
- 10) \_\_\_\_\_ pints = 20 cups
- 11) \_\_\_\_\_ pints = 6 quarts
- 12) \_\_\_\_\_ pints = 7 quarts
- 13) \_\_\_\_\_ quarts = 20 pints
- 14) \_\_\_\_\_ quarts = 16 pints
- 15) \_\_\_\_\_ quarts = 10 pints
- 16) \_\_\_\_\_ quarts = 8 gallons
- 17) \_\_\_\_\_ quarts = 9 gallons
- 18) \_\_\_\_\_ gallons = 8 quarts
- 19) \_\_\_\_\_ gallons = 40 quarts
- 20) \_\_\_\_\_ gallons = 28 quarts

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_



Solve each problem. Answer as a mixed fraction.

Ex)  $\frac{1}{8} \times 4 = \frac{4}{8}$

1)  $\frac{1}{5} \times 2 =$

2)  $4 \times \frac{3}{5} =$

3)  $\frac{2}{10} \times 10 =$

4)  $\frac{2}{5} \times 5 =$

5)  $7 \times \frac{4}{5} =$

6)  $3 \times \frac{4}{5} =$

7)  $2 \times \frac{7}{10} =$

8)  $6 \times \frac{1}{4} =$

9)  $8 \times \frac{8}{12} =$

10)  $\frac{1}{8} \times 2 =$

11)  $\frac{3}{6} \times 6 =$

12)  $\frac{1}{4} \times 7 =$

13)  $3 \times \frac{3}{4} =$

14)  $9 \times \frac{1}{3} =$

15)  $\frac{8}{12} \times 6 =$

16)  $7 \times \frac{5}{6} =$

17)  $3 \times \frac{2}{4} =$

18)  $\frac{1}{8} \times 7 =$

19)  $\frac{1}{3} \times 10 =$

20)  $\frac{1}{3} \times 7 =$

**Answers**Ex.  $\frac{4}{8}$ 

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



Solve each problem. Write the answer as a mixed number fraction (if possible).

**Answers**

1)  $\frac{1}{2} - \frac{1}{2} =$

2)  $\frac{4}{6} - \frac{2}{6} =$

3)  $\frac{3}{6} - \frac{1}{6} =$

4)  $\frac{9}{10} - \frac{1}{10} =$

5)  $\frac{5}{10} - \frac{3}{10} =$

6)  $\frac{2}{6} - \frac{1}{6} =$

7)  $\frac{3}{4} - \frac{2}{4} =$

8)  $\frac{8}{10} - \frac{2}{10} =$

9)  $\frac{8}{12} - \frac{1}{12} =$

10)  $\frac{6}{10} - \frac{3}{10} =$

11)  $\frac{2}{5} + \frac{2}{5} =$

12)  $\frac{1}{5} + \frac{1}{5} =$

13)  $\frac{1}{3} + \frac{2}{3} =$

14)  $\frac{2}{12} + \frac{3}{12} =$

15)  $\frac{4}{8} + \frac{1}{8} =$

16)  $\frac{6}{12} + \frac{5}{12} =$

17)  $\frac{3}{4} + \frac{3}{4} =$

18)  $\frac{3}{4} + \frac{2}{4} =$

19)  $\frac{2}{10} + \frac{9}{10} =$

20)  $\frac{9}{10} + \frac{4}{10} =$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

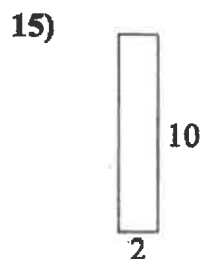
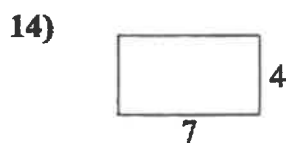
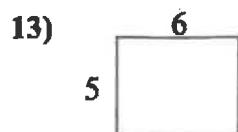
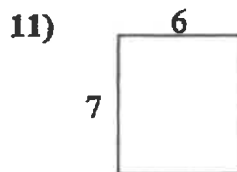
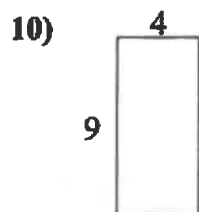
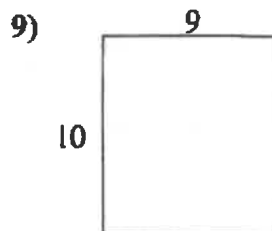
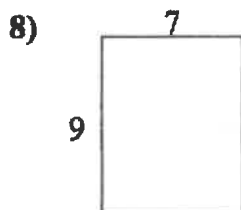
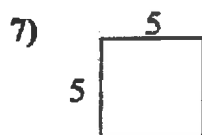
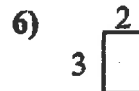
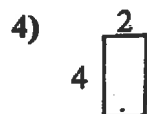
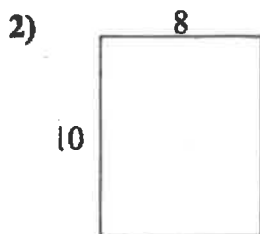
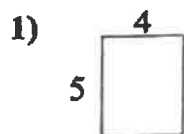
18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



Find the perimeter and area of each figure. Each figure is in inches (in). Not to scale.

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_

# Multiplication

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

Solve the multiplication equations. Use the code to color the picture.

0-10 = orange

11-20 = green

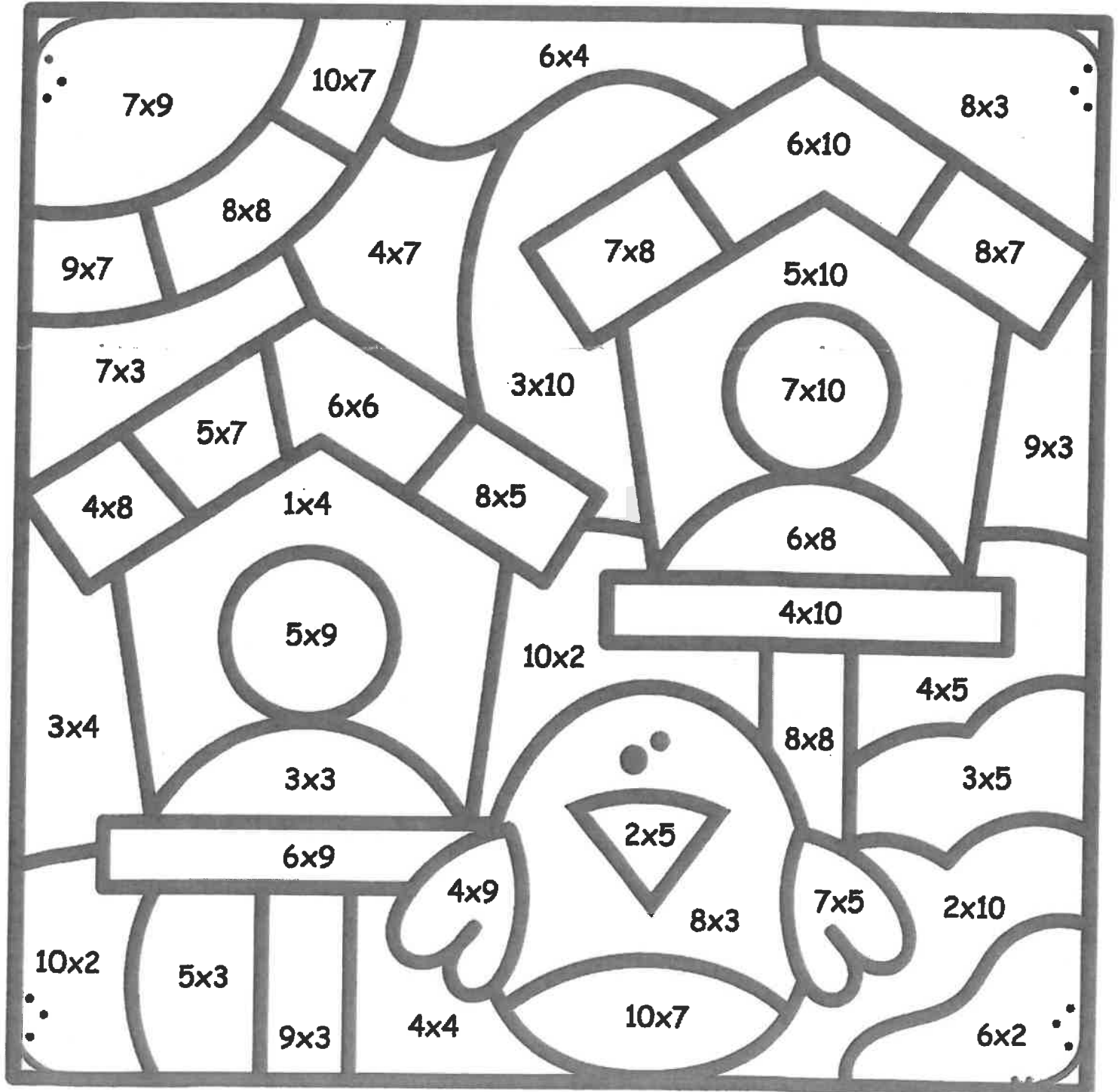
21-30 = blue

31-40 = purple

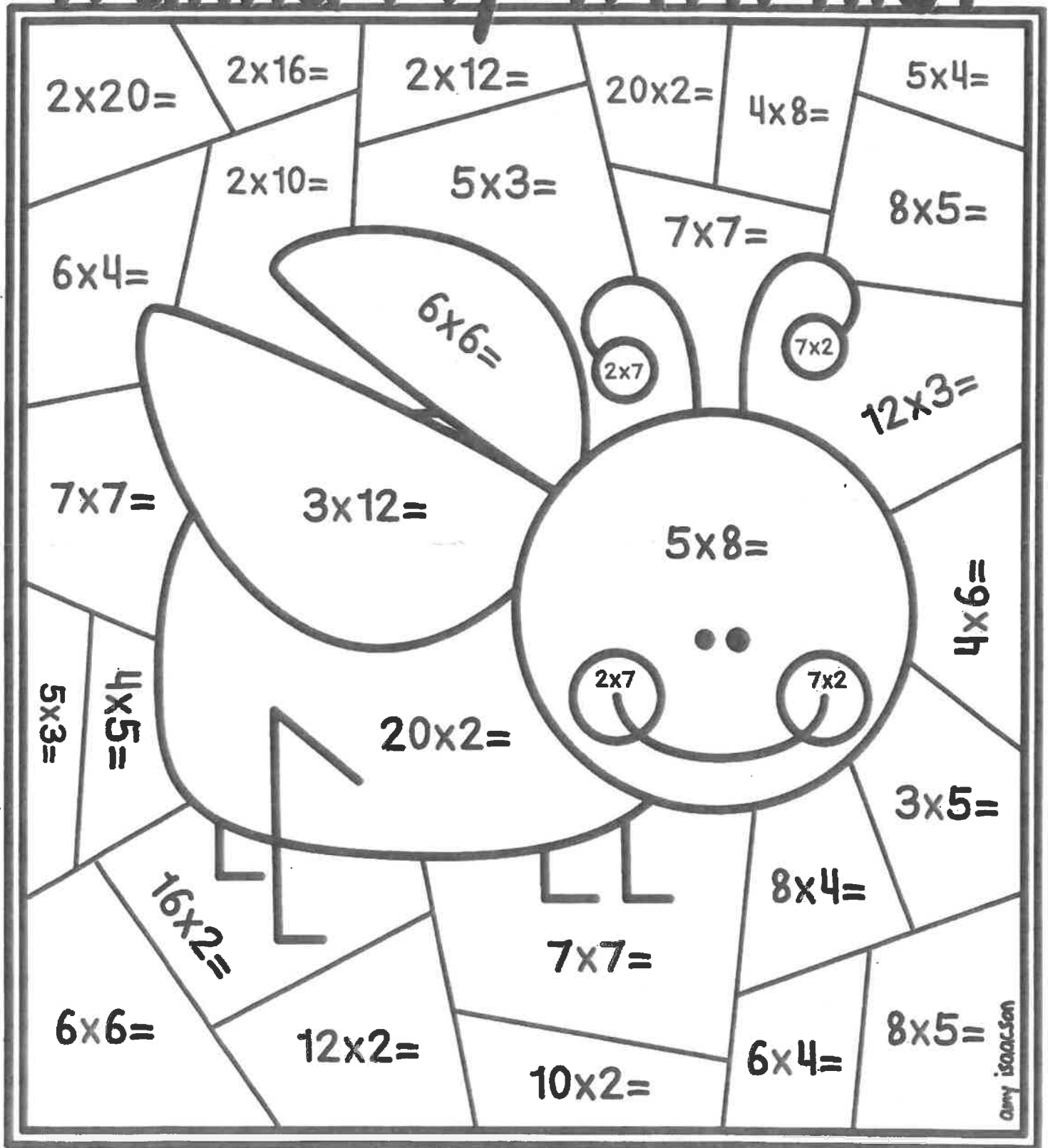
41-50 = pink

51-60 = red

61-70 = yellow



# Wanna Fly With Me?



amy isacson

14=light pink  
15=orange

20=red  
24=purple

32=dark pink  
36=dark green

40=light green  
49=yellow

Multiple Choice (Work out problems on looseleaf. Attach to the test).

- \_\_\_\_ 20. Solve.  $5,216 \div 3$   
 A. 1,738 r1      B. 1,738 r2      C. 2,405 r1      D. 2,405 r2
- \_\_\_\_ 21. Colin, Sam, Preston, and Alex scored a total of 96 points at their basketball game. If they each scored an equal number of points, how many points did each boy score?  
 A. 24 points      B. 36 points      C. 39 points      D. 384 points
- \_\_\_\_ 22. Carlee said she read a book that was 266 pages. If she read an equal number of pages each day for 7 days, how many pages did Carlee read each day?  
 A. 36 pages      B. 38 pages      C. 43 pages      D. 44 pages
- \_\_\_\_ 23. Solve.  $382 \div 7$   
 A. 44 r4      B. 55 r3      C. 54 r4      D. 66
- \_\_\_\_ 24. Kayla has 183 stickers. If she wants to share them with 3 friends, about how many stickers will each friend get?  
 A. 20 stickers      B. 30 stickers      C. 40 stickers      D. 60 stickers

25. Constructed Response #1: (2 points)

Create your own division word problem. Then, solve it.

|                        |        |
|------------------------|--------|
| Division Word Problem: | Solve: |
| _____                  |        |
| _____                  |        |
| _____                  |        |
| _____                  |        |

26. Constructed Response #2: (2 points) - Harriet solved the division problem below, but when she checked with a calculator she got a different answer. Find the mistake in Harriet's work. Explain Harriet's mistake and rework the problem correctly.

$$\begin{array}{r}
 132 \text{ r}3 \\
 5 \overline{)463} \\
 \underline{-5} \\
 16 \\
 \underline{-15} \\
 13 \\
 \underline{-10} \\
 3
 \end{array}$$

Explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Rework:  $5 \overline{)463}$



Name \_\_\_\_\_

## Partial Quotients

$$8 \overline{) 1,345}$$

$$7 \overline{) 7,894}$$

$$5 \overline{) 1,248}$$

$$3 \overline{) 9,807}$$

$$4 \overline{) 5,212}$$

$$9 \overline{) 4,609}$$

$$6 \overline{) 3,244}$$

$$2 \overline{) 9,098}$$

$$5 \overline{) 4,510}$$





Determine which choice best show the value written as a numeral.

**Answers**

- 1) eight hundred ninety-four and twenty-one hundredths  
A. 894.21      B. 894.12      C. 894.0021      D. 498.2
- 2) eighty-one and nine hundred fifty-eight thousandths  
A. 81.958      B. 18.958      C. 18.95      D. 18.859
- 3) nine hundred forty-seven and twenty-five thousandths  
A. 749.0      B. 947.520      C. 947.025      D. 947.25
- 4) two hundred seventy-one and nine hundred eighty-seven thousandths  
A. 271.0987      B. 271.987      C. 172.789      D. 172.987
- 5) eighty-six and twenty-seven thousandths  
A. 86.720      B. 86.027      C. 68.02      D. 86.0027
- 6) six hundred thirty-six and six hundred thirteen thousandths  
A. 636.613      B. 636.00613      C. 636.6      D. 636.0613
- 7) sixty-five and seventeen hundredths  
A. 65.0017      B. 65.17      C. 56.1      D. 65.71
- 8) four hundred seventy-five and one tenth  
A. 475.001      B. 574.1      C. 475.01      D. 475.1
- 9) forty-five and sixty-two hundredths  
A. 45.62      B. 54.6      C. 45.26      D. 54.62
- 10) four hundred seventy-three and six hundredths  
A. 374.60      B. 473.006      C. 374.06      D. 473.06
- 11) sixty-one and ninety-five hundredths  
A. 16.59      B. 61.59      C. 61.95      D. 16.95
- 12) four hundred thirty-four and twenty-five thousandths  
A. 434.025      B. 434.520      C. 434.25      D. 434.0025
- 13) seventy-one and fifty-six thousandths  
A. 71.56      B. 71.0056      C. 17.056      D. 71.056
- 14) thirty-three and four hundred fifty-two thousandths  
A. 33.0452      B. 33.452      C. 33.254      D. 33.4
- 15) three hundred fifty-eight and six hundred eighty-two thousandths  
A. 358.286      B. 358.682      C. 853.286      D. 853.68

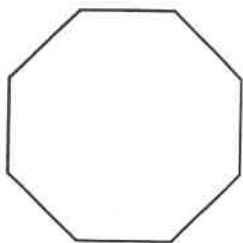
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_



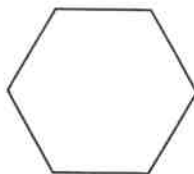


Identifying the type of shape shown.

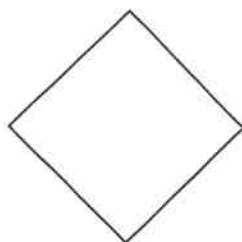
1)



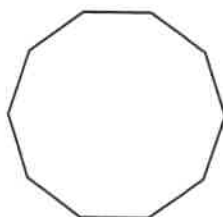
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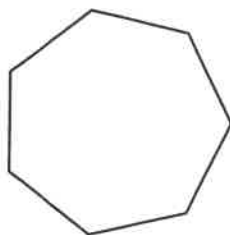
3)



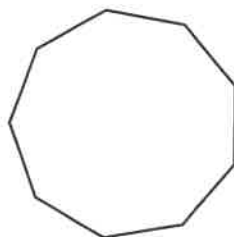
4)



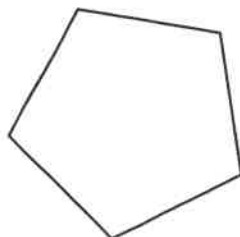
5)



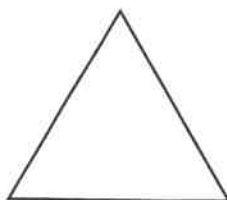
6)



7)



8)



Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

