

Section 3:

Solve.

1. $635 + 249 =$ _____

2. $508 + 271 =$ _____

3. The sum of 3,684 and 2,700 is _____.

Solve. Show your work and use bar models to help.

4. Mrs. Tan buys a duck and a chicken. The mass of the duck is 2,300 grams. The mass of the chicken is 1,675 grams. How much heavier is the duck than the chicken?

5. At Hillside Elementary School, there are 1,253 boys and 1,624 girls. How many students are there at the school?

6. Complete the number pattern.

30 80 180 330 _____

7. I am a 3-digit number that is less than 500.

My ones digit is twice the hundreds digit.

The sum of the three digits is 14.

What number am I?

Answer: _____

8. $45 + 5 = \underline{\hspace{1cm}} - 100$. The missing number is _____.

- a. 30 b. 70 c. 130 d. 150

9. In the number 8,296 what is the value of the digit 2?

Answer: _____

10. Subtract 989 from the sum of 1,857 and 2,465.

Answer: _____

Solve. Show your work and use bar models to help.

11. Allison jogs 3,860 meters and Calvin jogs 5,470 meters.
How far do they jog altogether?

Solve. Show your work.

12. Marbles per bag:

| <u>Bag A:</u> | <u>Bag B:</u> | <u>Bag C:</u> | <u>Bag D:</u> | <u>Bag E:</u> |
|---------------|---------------|---------------|---------------|---------------|
| 1,138 | 2,786 | 1,412 | 4,354 | 5,588 |

Jane takes Bag B and Bag D.

Karen takes Bag E.

a. Who has more marbles?

b. How many more marbles does she have?

Solve.

13. Add 2,659 to 784. The sum is _____ more than 555.

b. 2,878 b. 2,888 c. 2,988 d. 3,988

14. 2,573

+ 1,989

15. When you _____ 23 ones, you get 2 tens and _____ ones.

Section 4:

Multiply mentally.

1. $4 \times 30 =$ _____

2. $9 \times 200 =$ _____

3. $8 \times 8 =$ _____

4. $5 \times 8 =$ _____

5. $7 \times 70 =$ _____

6. $9 \times 9 =$ _____

Solve. Show your work and use bar models to help.

7. A refrigerator costs 5 times as much as a television. The television costs \$429. What is the cost of the refrigerator?

8. The students in class 3A buy 500 packets of seeds to start an eco-garden. On Monday, they use 27 packets of seeds. On Tuesday, they use twice as many packets as on Monday. How many packets of seeds do the students have left?

9. A store records the sales of its toys in the table below.

| MONTH | NUMBER OF TOYS SOLD |
|----------|--------------------------------|
| January | 180 |
| February | 90 more than in January |
| March | 3 times as many as in February |
| April | 320 fewer than in March |

a. How many toys are sold in February?

b. _____
How many toys are sold in March?

c. _____
How many toys are sold in April?

d. _____
How many toys are sold altogether during the four months?

10. 358
 x 2

11. 152
 x 6

12. 126
 x 7

Solve. Show your work and use bar models to help.

13. Sophia prepares 38 cheese sandwiches and 46 tuna sandwiches. She puts the sandwiches equally onto 3 platters. How many sandwiches are on each platter?

14. Maria has \$500. She buys a pair of shoes for \$108. She gives the rest of the money to her 4 nieces. Her nieces share the money equally.

a. How much money does Maria give to her 4 nieces?

b. How much does each niece get?

15. In 5,786 the digit 5 has the same value as _____.

a. 5×1 b. 5×10 c. 5×100 d. $5 \times 1,000$

16. What is the product of 346 and 9?

a. $300 + 14$

b. $3,000 + 14$

c. $300 + 100 + 4$

d. $3,000 + 100 + 14$

17. Divide 87 by 6. The remainder is _____.

a. 2

b. 3

c. 4

d. 5

18. Find the greatest product of a 3-digit number and a 1-digit number using each digit below only once. (3 5 6 7)

| | | | | |
|---|---|---|---|---|
| | □ | □ | □ | |
| | | | □ | |
| | | | | |
| x | □ | □ | □ | □ |

Multiplication Practice: Practice your multiplication facts. To make it more fun, have someone time you for two minutes to see how many you can complete. If you do not finish in the two minutes be sure to complete the rest of the page.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$ |
| $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$ |
| $\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$ |
| $\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$ |
| $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$ |
| $\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$ |
| $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 0 \\ \times 3 \\ \hline \end{array}$ |
| $\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$ | $\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$ | $\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$ | $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$ | $\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$ | $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$ |

| | | |
|-------------------|-------------------|-------------|
| 537 -219 | 7,257 -4,188 | 921 -472 |
| 10,781 +73,919 | 49,548 +56,711 | 267 +777 |

Add

9 dollars
 12 quarters
 25 dimes
 11 nickels
 + 18 pennies

_____ Total amount of money \$ _____

Mrs. Patton baked 135 delicious cookies. She took 47 to church and took 14 to her neighbor's home. Her family ate 8 cookies. She plans to bring the remaining cookies to the fourth grade party. How many cookies will she bring? Show your work and remember your unit.

Write each number.

5

Example: one million, four hundred thousand, five hundred three 1,410,503

1. three million, nine hundred fifty-four thousand, six hundred twenty-nine

2. nine million, six hundred twenty-one thousand, six hundred eight

3. two million, thirty - nine thousand, four hundred ninety-eight

4. nine hundred forty -one thousand, eight hundred five

5. seven million, three thousand, two hundred eighty

6. six million, two hundred nine thousand, four hundred fifty - five

7. nine million, eight hundred two

8. six million, nine thousand, ten

Write the multiplication and division fact family for each group of numbers.

Example: 4, 28, 7

$$4 \times 7 = 28$$

$$7 \times 4 = 28$$

$$28 \div 7 = 4$$

$$28 \div 4 = 7$$

1. 45, 9, 5

2. 32, 4, 8

3. 20, 4, 80

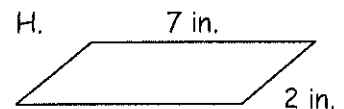
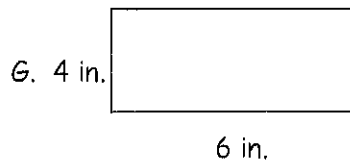
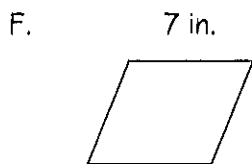
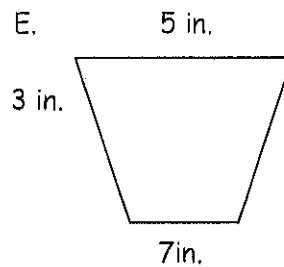
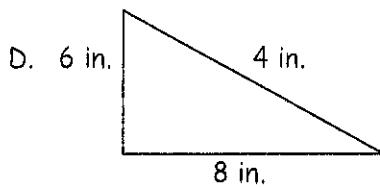
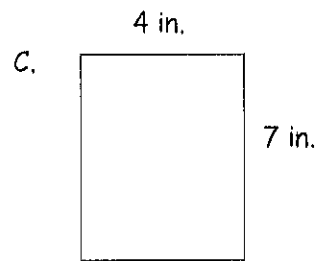
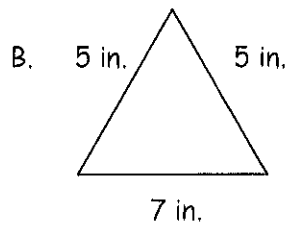
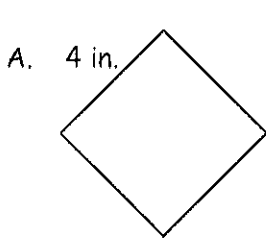
4. 6, 40, 240

5. 10, 6, 60

6. 30, 70, 210

Match the description with the correct polygon. Write the letter of that polygon. 8

1. a rectangle with a perimeter of 22 in. _____
2. a triangle with a perimeter of 18 in. _____
3. a parallelogram with a perimeter of 18 in. _____
4. a square with a perimeter of 16 in. _____
5. a trapezoid with a perimeter of 18 in. _____
6. a triangle with a perimeter of 17 in. _____
7. A rhombus with a perimeter of 28 in. _____
8. a rectangle with a perimeter of 20 in. _____



Write the number that matches each description.

9

1. 4 in the tenths place
2 in the thousandths place
7 in the hundredths place
0 in the ones place

2. 5 in the tenths place
3 in the tens place
5 in the ones place
3 in the hundredths place

3. 4 in the thousandths place
2 in the ones place
7 in the hundredths place
0 in the tenths place

4. 0 in the hundredths place
6 in the ones place
8 in the thousandths place
0 in the tenths place

Write each number below as a decimal.

5. nine-tenths _____

6. thirty-thousandths _____

7. fifty-three hundredths _____

8. sixty and four-tenths _____

9. seven and seven-thousandths _____

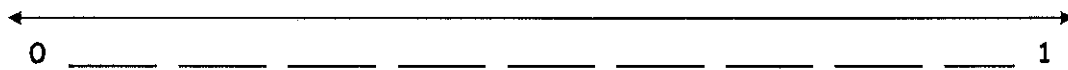
10. sixty and four-hundredths _____

11. eight hundred _____

12. sixty-two thousandths _____

Fill in the missing numbers.

13.



14.



Solve each problem.

1. Samuel bought presents for 40 cents, 50 cents, 60 cents, and 70 cents. How much money did he spend in all? _____

CHECK: Does my answer make sense? _____

2. Trini rode her bike 12 miles on Friday. She rode 14 miles on Saturday and 15 miles on Sunday. How many miles did she ride in all? _____

CHECK: Does my answer make sense? _____

3. Jon, Dave, and Kevin collected rocks at the beach. Each boy collected 25 rocks. How many rocks did the boys collect in all? _____

CHECK: Does my answer make sense? _____

4. The Torrey family was on vacation. One day, they spent \$140 for a motel room, \$130 for meals, and \$200 at a park. How much money did they spend that day? _____

CHECK: Does my answer make sense? _____

Use a straightedge to draw the following.

11

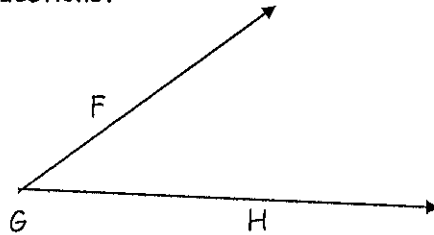
1. Draw and label line segment AB

2. Draw and label line XY

3. Draw and label ray CD

Use the figure to the right to answer the following questions.

4. Write 2 names for this figure.



5. What point names the vertex of this figure? _____

6. Write the name of each polygon below under the picture.

