Math Quarter 2 Study Guide #2

Task:

Answer each question.

Show your thinking (B.I.U)

If you practice the problems on your homework packets and study guides then you will do great on the test.

If you DO NOT practice you will NOT do well on the test.

1. Which problem is true?

   A. 24 + 3 = 3 + 22

   B. 24 + 3 = 3 + 23

   C. 24 + 3 = 3 + 24

   D. 24 + 3 = 3 + 25

2. Look at the pattern. What are the next three numbers?

   12, 17, 22, 27, _____, _____, _____

   What is the pattern? (Hint- Is the pattern increasing or decreasing?)

   The pattern is _____.

3. Sierra subtracted sixteen minus thirteen and got three. What equation could she use to prove that her answer is correct? (Hint – Inverse operation, we do this every morning with our daily money problem)

4. Sequoia has thirty-nine pencils. She gets twenty-six more pencils. How many pencils does Sequioa have?

5. Last week Malauna earned twenty-eight dollars. This week she earned twenty-nine dollars. How many dollars did Malauna earn during these two weeks?

6. Which fact goes in the box to make the number equation true?

$$17 + \underline{\hspace{1cm}} + 6 = 11 + 17$$

7. Look at the pattern. What are the missing three numbers?

215, _____, 221, 224, 227, _____, _____

What is the pattern? (Hint- Is the pattern increasing or decreasing?)

The pattern is _____.

8. Which item is about 12 inches long?

    A. Your desk
    B. Your chair
    C. A dollar bill
    D. A foot-long sandwich

9. Mrs. Kennedy has fifty-one M&M's. Twenty-one M&M's are red and the rest are blue. How many M&M's are blue?

10. Which fact goes in the blank to make the number equation true?

$$20 + \underline{\hspace{1cm}} = 6 + 5 + 14$$

11. Mrs. Kennedy has twenty-four students in her classroom. Mrs. Lee has twenty students in her classroom. How many more students are in Ms. Kennedy's classroom than in Mrs. Lee's classroom?

12. Which number equation can be used to check thirty plus twenty equals fifty?
    A. 50 – 20 = 30

    B. 20 – 30 = 50

    C. 30 – 30 = 0

    D. 50 – 50 = 0

13. Which fact goes in the blank to make the number equation true?

$$20 + 6 + \underline{\hspace{2cm}} = 12 + 18$$

A. 30   B. 8   C. 4   D. 26

14. Which fact goes in the blank to make the number equation true?

$$\underline{\hspace{2cm}} + 19 = 29$$

$$19 + \underline{\hspace{2cm}} = 29$$

15. Cailey found two dime, three pennies, five nickels and one quarter. How much did she find? (Not how many coins did she find, it's HOW MUCH did Cailey find)

Write it using a dollar sign & decimal notation _____

Write it using a cent sign _____

16. Which number goes in the box to make the number equation true? (Hint – Do you really have to work it out? Remember the "=" sign means equivalent, not equal)

$$421 + 515 = \underline{\hspace{2cm}} + 421$$

17. Complete the fact family equations.

$$15 + 5 = 20$$
$$5 + 15 = 20$$

$$20 - 5 = 15$$

$$\underline{\hspace{3cm}}$$

18. Malakhi spent $8 on a baseball card. Khai spent $5 on a basketball card. How much more money was spent on the baseball card than on a basketball card?

19. On Monday, the students in room 22 lost sixteen pencils. On Tuesday, the students lost eighteen pencils. How many pencils did they lose on both days?

20. Mrs. Kennedy loves to put slices of blueberries in her cereal. About how long is a blueberry?

    A. 10 inches   B. 1 inches   C. 1 foot   D. 2 meter

Math Quarter 2 Study Guide #3

Task:

Answer each question.

Show your thinking (B.I.U)

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1. Mrs. Kennedy is counting to seven hundred. Which number comes right before seven hundred.

   a. 600
   b. 701
   c. 699
   d. 690

2. Which shape has no vertices?

   A. rectangle

   B. circle

   C. triangle

   D. square

3. Which number equation can be used to check five plus nine is equivalent to fourteen?

$$8 + 4 = 12$$

    a. 10 - 2 = 8
    b. 12 - 12 = 0
    c. 8 - 4 = 4
    d. 12 - 8 = 4

4. Ninety-two people students went on a field trip. Twenty-eight students rode on the bus with Mrs. Kennedy. How many students rode with Ms. Robinson?

    A. 120
    B. 76
    C. 74
    D. 64

5. Mrs. Kennedy has three quarters, one dime, and three pennies. Then she lost one quarter. How much money does she have left?

    A. seven cents
    B. fifty-eight cents
    C. thirty-three cents
    D. eighty-three cents

6. Which number goes in both blanks to make the number equation true?

$$_____ + 19 = 99$$

$$99 - _____ = 19$$

    a. 19
    b. 80
    c. 99
    d. 108

7. Which number equation can be used to check forty plus twenty is equivalent to sixty?

$$30 + 40 = 70$$

    a. 70 − 10 = 60
    b. 40 − 40 = 40
    c. 30 − 30 = 0
    d. 70 − 40 = 30

8. Which number equation goes in the blank to make the number equation true?

$$593 = 500 + \underline{\hspace{1cm}} + 3$$

    a. 9
    b. 90
    c. 900
    d. 539

9. Winter Break is three weeks. Which is the same as three weeks?

    A. 7 days
    B. 14 days
    C. 21 days
    D. 30 days

10. Which is the opposite number equation to one hundred seventy minus ninety is equivalent to eighty?

$$170 − 90 = 80$$

    a. 60 + 20 = 80
    b. 50 + 40 = 90
    c. 90 + 80 = 170
    d. 170 + 90 = 260

11. Mrs. Kennedy has fifty-three coins. Twenty-three of the coins are dimes and the rest are nickels. How many nickels does Mrs. Kennedy have?

   * Use word to show how many nickels Mrs. Kennedy has.

   * Write a number equation to show how you found your answer.

   * Write a number equation to check your answer.

12. Mrs. Kennedy has Sixty-two stickers. Twenty-two of the stickers are Hello Kitty and the rest are cars. How many car stickers does Mrs. Kennedy have?

   * Use word to show how many nickels Mrs. Kennedy has.

   * Write a number equation to show how you found your answer.

   * Write a number equation to check your answer.

Math Quarter 2 Review #2

1. Which of the following has the same value as eight plus three?

$$8 + 3 = 11$$

  a. $8 - 3 =$
  b. $3 + 8 =$
  c. $8 \times 3 =$
  d. $11 + 3 =$

2. Our class planted 39 red flowers and 55 yellow ones. Which number sentence could be used to find how many more yellow flowers have been planted?

  a. $39 + 55 =$
  b. $39 - 55 =$
  c. $55 - 39 =$
  d. $55 + 39 =$

3. What is another name for three hundred plus twenty plus one?

  a. 300201
  b. 3201
  c. 321
  d. 30021

4. Which number goes in the blank to make the number equation true?

$$455 < \underline{\hspace{1cm}} < 565$$

  A. 556   B. 432   C. 575   D. 445

5. How do you check $51 + 23 = 74$?

  a. $66 - 18 =$
  b. $70 + 28 =$
  c. $74 - 23 =$
  d. $54 + 29 + 16 =$

6. Last summer I collected seashells. The first day collected 18 huge seashells and 33 tiny seashells. Someone stole all but 15 of my seashells. How many seashells were stolen?

7. Using rods and units show the number 21.

8. Complete the fact family equations.

   30 + 16 = _____   46 − 30 = _____

   16 + _____ = 46   _____

9. Mrs. Kennedy was in a meeting that began at 2:40. It lasted for one hour. At what time did the meeting end?

10. Kobe watched a movie that lasted 120 minutes. How many hours did the movie last?

5. Which rule is used to find the missing number in this pattern?

2, 5, 8, _____, 14

a. add 1
b. add 2
c. add 3
d. add 4

6. Which number equation can be used to check four plus eight equals twelve.

a. 8 – 4 = 4
b. 10 – 2 = 8
c. 12 – 12 = 0
d. 12 – 8 = 4

8. How many quarters are in one dollar?

9. How many quarters are in two dollars?

10. Jaelen has $72. He has $22 in bills and the rest are coins. How much money does he have in coins?

* Use words, numbers, or pictures to solve.

* Write a number equation to show to show how your found your answer.

* Write a number equation to check your answer.

Math Quarter 2 Review #3

1. One hot dog cost $1.08. You paid the server $1.25. How much change should you get back?

    a. one dime and two pennies
    b. one dime and three pennies
    c. one dime, one nickel and two pennies

2. Jazz counted the coin in her pocket and made a table. Which coin did she have the most of?

Coins	Number of coins
Penny	2
Nickel	1
Dime	2
Quarter	7

    a. quarter   b. dime   c. nickel   d. penny

3. Write an equation that is the inverse of 72 + 26 = 98.

    _____

4. Phebe made a cake in a square pan. She wants to cut the cake into 4 triangular pieces that are all the same size and shape.
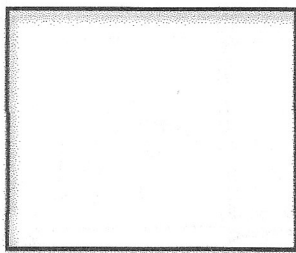
    Draw a line, or lines, to show how this square can be cut into 4 triangles that all have the same size and shape.

3. Which number equation can be used to check five plus nine is equivalent to fourteen?

$$8 + 4 = 12$$

a. $10 - 2 = 8$
b. $12 - 12 = 0$
c. $8 - 4 = 4$
d. $12 - 8 = 4$

4. Ninety-two people students went on a field trip. Twenty-eight students rode on the bus with Mrs. Kennedy. How many students rode with Ms. Robinson?

A. 120
B. 76
C. 74
D. 64

5. Mrs. Kennedy has three quarters, one dime, and three pennies. Then she lost one quarter. How much money does she have left?

A. seven cents
B. fifty-eight cents
C. thirty-three cents
D. eighty-three cents

6. Which number goes in both blanks to make the number equation true?

$$_____ + 19 = 99$$

$$99 - _____ = 19$$

a. 19
b. 80
c. 99
d. 108

7. Which number equation can be used to check forty plus twenty is equivalent to sixty?

$$30 + 40 = 70$$

   a. 70 – 10 = 60
   b. 40 – 40 = 40
   c. 30 – 30 = 0
   d. 70 – 40 = 30

8. Which number equation goes in the blank to make the number equation true?

$$593 = 500 + \underline{\hspace{1cm}} + 3$$

   a. 9
   b. 90
   c. 900
   d. 539

9. Winter Break is three weeks. Which is the same as three weeks?

   A. 7 days
   B. 14 days
   C. 21 days
   D. 30 days

10. Which is the opposite number equation to one hundred seventy minus ninety is equivalent to eighty?

$$170 – 90 = 80$$

   a. 60 + 20 = 80
   b. 50 + 40 = 90
   c. 90 + 80 = 170
   d. 170 + 90 = 260

Math Quarter 2 Study Guide #4

Task:

Answer each question.

Show your thinking (B.I.U)

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1. What is the place value of six in 563?

   _____

2. Look at the pattern. What are the next three numbers?

   6, 9, 12, 15, _____, _____, _____

   What is the pattern? (Hint- Is the pattern increasing or decreasing?)

   The pattern is _____.

3. 5 + 15 + 31 = _____ + 31

4. 182 + 979 = _____ + 182

5. Write the equation to check 15 + 8 = 23

6. Which fact goes in the box to make the number equation true?

$$10 + \underline{\hspace{1.5cm}} + 6 = 19 + 9$$

7.   8 7
    + 3 5

8.   8 2
    − 2 4

9. Jada saved some money. For her birthday she received $20. Now she has
$55. How much money did she save before her birthday?
   * Use words to show how you found the answer.

   * Write a number equation to show how you found your answer.

   * Use drawings to show how you found the answer.

10. Which of the following has the same value as eight plus three?

$$8 + 3 = 11$$

   a. $8 - 3 =$
   b. $3 + 8 =$
   c. $8 \times 3 =$
   d. $11 + 3 =$

11. Our class planted 39 red flowers and 55 yellow ones. Which number sentence
could be used to find how many more yellow flowers have been planted?

   a. $39 + 55 =$
   b. $39 - 55 =$
   c. $55 - 39 =$
   d. $55 + 39 =$

12. What is another name for three hundred plus twenty plus one?

    a. 300201
    b. 3201
    c. 321
    d. 30021

13. Which number goes in the blank to make the number equation true?

$$455 < \_\_\_\_\_ < 565$$

    A. 556   B. 432   C. 575   D. 445

14. How do you check 51 + 23 = 74?

    a. 66 - 18 =
    b. 70 + 28 =
    c. 74 - 23 =
    d. 54 + 29 + 16 =

15. Last summer I collected seashells. The first day collected 18 huge seashells and 33 tiny seashells. Someone stole all but 15 of my seashells. How many seashells were stolen?

16. Using rods and units show the number 21.

17. Complete the fact family equations.

$30 + 16 =$ _____ $46 - 30 =$ _____

$16 +$ _____ $= 46$ _____

18. Mrs. Kennedy was in a meeting that began at 2:40. It lasted for one hour. At what time did the meeting end?

19. Steven watched a movie that lasted 120 minutes. How many hours did the movie last?

20. One hot dog cost $1.08. You paid the server $1.25. How much change should you get back?

   a. one dime and two pennies
   b. one dime and three pennies
   c. one dime, one nickel and two pennies

21. Jade counted the coin in her pocket and made a table. Which coin did she have the most of?

Coins	Number of coins
Penny	2
Nickel	1
Dime	2
Quarter	7

   a. quarter   b. dime   c. nickel   d. penny

Practice Test 2

Task: Answer each question and show your thinking.

1. Mrs. Kennedy is counting to seven hundred. Which number comes right before seven hundred.
    - a. 600
    - b. 701
    - c. 699
    - d. 690

2. Which shape has no vertices?
    - a. rectangle
    - b. circle
    - c. triangle
    - d. square

3. Which number equation can be used to check five plus nine is equivalent to fourteen?

    $$8 + 4 = 12$$

    - a. 10 – 2 = 8
    - b. 12 – 12 = 0
    - c. 8 – 4 = 4
    - d. 12 – 8 = 4

4. Ninety-two people students went on a field trip. Twenty-eight students rode on the bus with Mrs. Kennedy. How many students rode with Ms. Robinson?
    - a. 120
    - b. 76
    - c. 74
    - d. 64

5. Mrs. Kennedy has three quarters, one dime, and three pennies. Then she lost one quarter. How much money does she have left?
    - a. seven cents
    - b. fifty-eight cents
    - c. thirty-three cents
    - d. eighty-three cents

6. Which number goes in both blanks to make the number equation true ?

$$\_\_\_\_\_ + 19 = 99$$
$$99 - \_\_\_\_\_ = 19$$

   a. 19
   b. 80
   c. 99
   d. 108

7. Which number equation can be used to check forty plus twenty is equivalent to sixty?

$$30 + 40 = 70$$

   a. $70 - 10 = 60$
   b. $40 - 40 = 40$
   c. $30 - 30 = 0$
   d. $70 - 40 = 30$

8. Which number equation goes in the blank to make the number equation true?

$$593 = 500 + \_\_\_\_\_ + 3$$

   a. 9
   b. 90
   c. 900
   d. 539

9. Winter Break is three weeks. Which is the same as three weeks?
   a. 7 days
   b. 14 days
   c. 21 days
   d. 30 days

10. Which is the opposite number equation to one hundred seventy minus ninety is equivalent to eighty?

$$170 - 90 = 80$$

a. $60 + 20 = 80$
b. $50 + 40 = 90$
c. $90 + 80 = 170$
d. $170 + 90 = 260$

Name: #:   Date:

Task: Read each question and answer the problem. Don't forget to B.I.U (back it up).

1. How many vertices does a triangle have?

2. Find the pattern. What is the missing number?

_____, 436, 437, 438, 439

The pattern is _____ .

3. Mrs. Kennedy made thirty-three chocolate chip cookies and twenty-eight peanut butter cookies. How many cookies did she make?

4. What number foes in the box to make a true number sentence? Explain why.

$$405 > \boxed{}$$

5. Write the number equation that is the inverse of twelve plus thirty-six equals forty-eight?

6. What number equation could be used to check forty-seven minus twenty-nine equals eighteen?

7. Elijah has five dimes and three quarters. How much money does he have?

8. Which number equation is true? Explain why.

    64 > 63
    64 = 65
    67 < 64
    66 < 64

9. Steven had three quarters in his pocket. He picked up a dime and a nickel he found on the floor underneath his desk. How much money does he have now?

10. Which of the following groups of numbers is arranged from least to greatest?

    a. 195, 175, 265, 485
    b. 175, 195, 265, 485
    c. 485, 265, 195, 175
    d. 485, 195, 175, 265

11. What is another way to write the number shown?   397

    a. 3 + 9 + 7
    b. 30 + 90 + 7
    c. 30 + 90 + 70
    d. 300 + 90 + 7

12. What is the value of the *underlined digit*? $\underline{8}4$

    a. 8
    b. 80
    c. 800
    d. 8000

13. Mrs. Lee has thirty-two students in her classroom. Mrs. Kennedy has twenty-four students in her classroom. How many more students are in Mrs. Lee's classroom than Mrs. Kennedy's classroom?

14. Which shapes can be put together to make a square? Show the shapes in the figure.

a
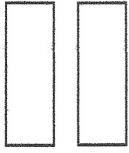
b

c
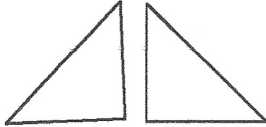
d
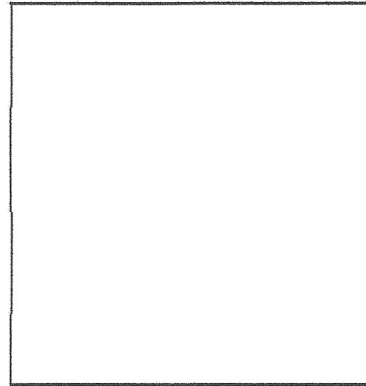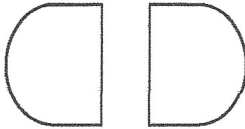
15. Which two shapes can be combined to make a hexagon? Show the shapes in the figure.
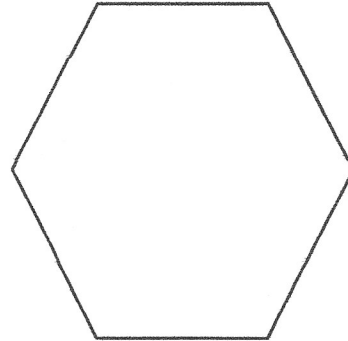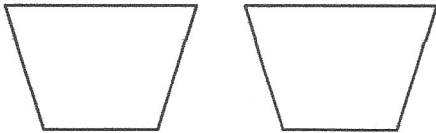
a.
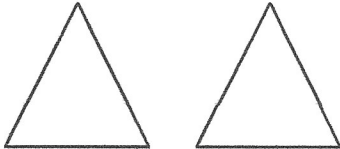
b.
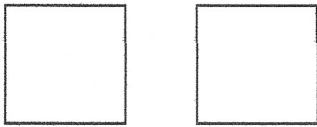
c.
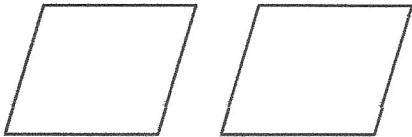
d.

Name: #:   Date:

Task: Read each question and answer the problem. Don't forget to B.I.U (back it up).

1. Write the number three hundred eighty-one.

2. Find the pattern. What are the next three numbers?

      6, 10, 14, 18, _____, _____, _____

      The pattern is _____.

3. Victoria has two quarters and four nickels. Her younger sister gives her ten pennies. In a complete sentence tell how much money Victoria has now?

4. Which symbol goes in the box to make the number equation true? Explain why you choose the symbol.

           86 ☐ 78

5. In the number 386, which digit is in the hundreds place? Explain why.

6. Betheny has twenty-nine purple stars and fifteen yellow stars. How many stars does she have?

7. How many angles does this figure have?
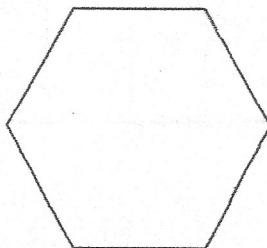
Name: _____ #: _____ Date: _____

Task: Read each question and answer the problem. Don't forget to B.I.U (back it up).

1. Corianna has sixty-three pastels. She gave Bryant twenty-five pastels. How many pastels does Corianna have left?

2. Find the pattern. What are the next three numbers?

   230, 220, 210, 200, _____, _____, _____

   The pattern is _____

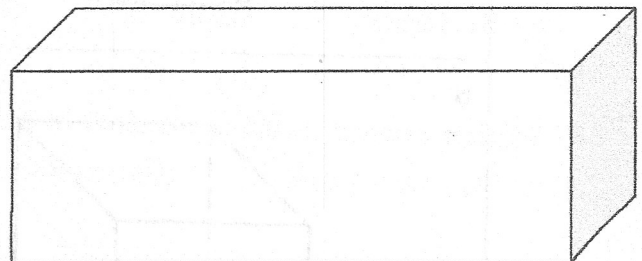3. Jessie is counting to five hundred. Which number comes right before five hundred?

4. What number goes in the box to make the number equation true? Explain why.

   $$349 = 300 + \boxed{} + 9$$

5. A Hello Kitty pencil cost thirty-five cents. If you give two quarters, how much change will you get back?

6. Write the number equation that is the inverse of sixty-eight plus twenty-seven equals ninety-five?

7. How many faces does a rectangular prism have?

11. Luis has fifty-six toy vehicles. Twenty-nine of the toy vehicles are cars and the rest are trucks.

* Use words or pictures to show how to find the number trucks Luis has.

* Write a number equation (number sentence) to show how you found your answer.

* With words or pictures use the inverse operation (opposite operation) to check your answer.

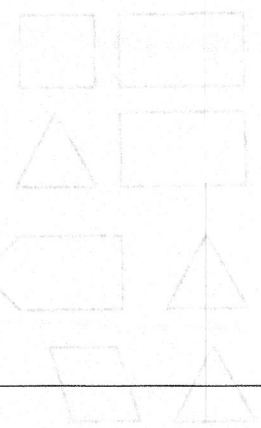* Write a number equation (number sentence) to show how you checked your answer.

Name: _____ #: _____ Date: _____

Task: Read each question and answer the problem. Don't forget to B.I.U (back it up).

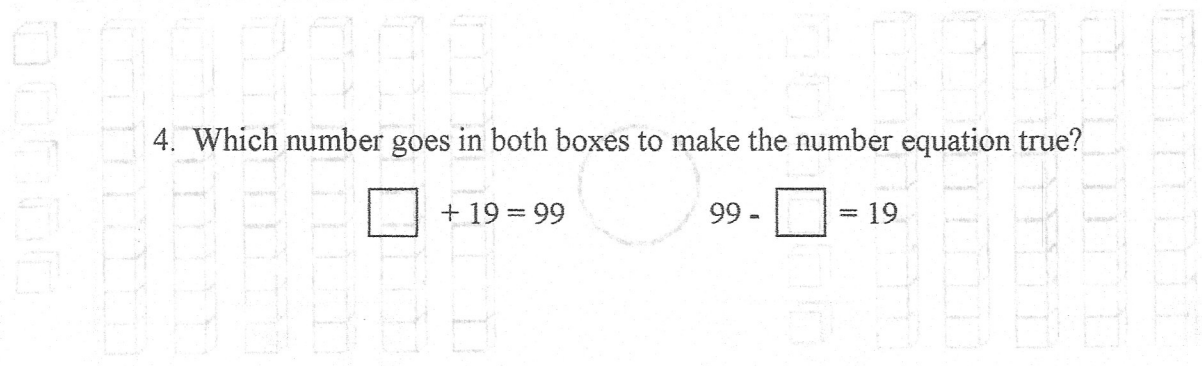1. Which number equation is true? Explain why.

    1156 < 1154

    1157 < 1154

    1154 = 1155

    1154 > 1153

2. Find the pattern. What are the next three numbers?

    7, 12, 17, 22, _____, _____, _____

    The pattern is _____.

3. There are forty-two Hello Kitty dolls on the shelf. Thirty-eight of the dolls were sold. How many Hello Kitty dolls are left?
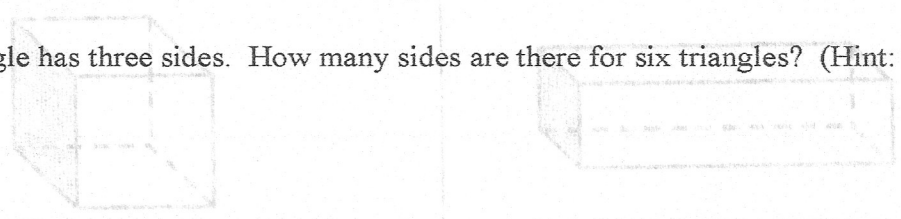
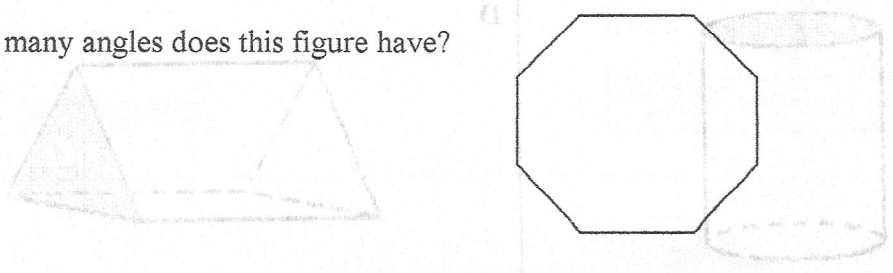4. Which number goes in both boxes to make the number equation true?

    ☐ + 19 = 99   99 - ☐ = 19

5. Carlton had one dime, two nickels, and two pennies. How much money does he have in all?

6. Each triangle has three sides. How many sides are there for six triangles? (Hint: Make a chart.)

7. How many angles does this figure have?

11. Ms. Telebrico has thirty-nine plants in her garden. Eighteen of the plants are lilies and the rest are roses.

* Use words or pictures to show how to find the number of roses in Ms. Telebrico's garden.

* Write a number equation (number sentence) to show how you found your answer.

* With words or pictures use the inverse operation (opposite operation) to check your answer.

* Write a number equation (number sentence) to show how you checked your answer.