Chapter 3: Addition and Subtraction

Name: _____   Class: _____

A. Use the Commutative and Associative Rules

63 + 25

28 + 12 + 18

40 + 30

30 + 40

18 + 12 + 28

25 + 63

B: Use Complements of Numbers
Match the numbers that add to 100.

35

52

48

45

55

65

Fill in each blank.

(a)   450 + 420 = _____   (d) 300 + 250 = _____

(b)   490 – 230 = _____   (e) 660 – 330 = _____

(c)   450 + _____ = 860   (f) 640 – _____ = 200

$$
\begin{array}{r} 2\ 1\ 6 \\ +\ \ \ 7\ 1 \\ \hline \end{array}
\qquad
\begin{array}{r} 6\ 3\ 2 \\ +\ \ \ 6\ 3 \\ \hline \end{array}
\qquad
\begin{array}{r} 4\ 4\ 7 \\ +\ 2\ 3\ 0 \\ \hline \end{array}
\qquad
\begin{array}{r} 5\ 6\ 9 \\ +\ 3\ 8\ 1 \\ \hline \end{array}
$$

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

$$
\begin{array}{r} 5\ 0\ 0 \\ -\ 2\ 8\ 0 \\ \hline \end{array}
\qquad
\begin{array}{r} \square\ 0\ 9 \\ +\ 1\ \square\ 8 \\ \hline 5\ 1\ \square \end{array}
\qquad
\begin{array}{r} \square\ 2\ 7 \\ +\ 1\ 9\ \square \\ \hline 7\ \square\ 9 \end{array}
\qquad
\begin{array}{r} 8\ 0\ 0 \\ -\ \boxed{} \\ \hline 4\ 0\ 0 \end{array}
$$

C. Use Objects to Stand for Unknowns

1. The cost of a watch and a bicycle is $75.
    The watch costs $20.
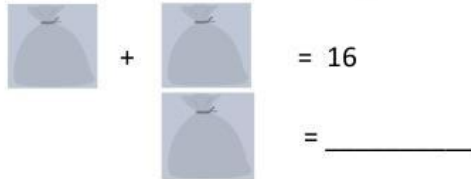   a) Fill in the box.
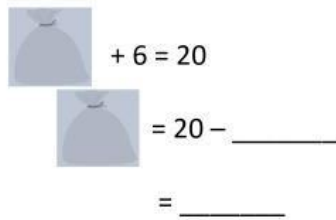
     + = | $ |

    b) What is the cost of the bicycle? $_____

2. Two bags have 16 baseballs in all.
    Each bag has the same number of baseballs.
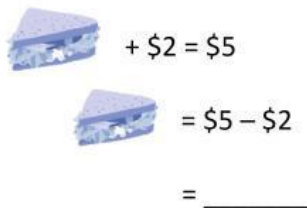   How many baseballs are in each bag?

     + = 16

     = _____

3. Thomas has 20 marbles.
    He puts some marbles in a bag.
    6 marbles are not in the bag.
    How many marbles are in the bag?

     + 6 = 20

     = 20 − _____

    = _____

    There are _____ in the bag.

4. Mr Lee pays for a sandwich with a $5 note.
    He gets back $2 change.
    How much does the sandwich cost?

     + $2 = $5

     = $5 − $2

    = _____

    The sandwich costs _____.

5. Mr Lim has $26.
    He wants to buy a bag but is short of $4.
    How much does the bag cost?

     − $4 = $26

     = $26 + _____

    = _____

    The bag costs _____.

6. Two identical books cost $20.
   How much does each book cost?

    + = 20

    = _____

   Each book costs _____.

7. Miss Sulis buys a watch.
   She pays for the watch with a $100 note.
   She gets back $20 change.
   How much does the watch cost?
   Answer:
   ....
   ....

8. Tom took 21 cookies out of the bag.
   There were 15 cookies left in the bag now.
   How many cookies were in the bag at first?
   Answer:
   ....
   ....

9. Grace took out 24 pencils from a pencil case.
   There were now 7 pencils left in the pencil case.
   How many pencils were there in the pencil case at first?
   Answer:
   ....
   ....

10. Ali has 15 apples.
    He eats 4 apples.
    How many apples are left?
    Answer:
    ....
    ....