

Date: _____

W.S. (3.E.1): Find objects that stand for unknown

Objective: Recognise the use of an object to represent an unknown quantity in addition and subtraction

Q1. Find the value of each object.

a)  +  = 20

 = _____

b)  +  = 60

 = _____

c)  +  = _____

d)  -  = _____

Q2. Franky has 20 dollars. After buying a book he has 5 dollars left. How much does the book cost?

$$\$20 - \text{book} = \$5$$

 is \$ _____

Q3. Three identical ice creams cost 6 dollars.

 + = 6

 = _____

Q4.  = 20 marbles

Find the value of .

Q5. $\$5 - \text{lollipop} = \3

What is the cost of ?

Q6. $\$15 + \text{dress} = \38

What is the cost of ?

Q7. Find the value of each popsicle stick.



$$+ 8 = 16$$



$$= \underline{\hspace{2cm}}$$



$$- \text{Red} = 19$$



$$= \underline{\hspace{2cm}}$$



$$+ \text{Blue} = 39$$



$$= \underline{\hspace{2cm}}$$



$$+ \text{Green} = 55$$



$$= \underline{\hspace{2cm}}$$



$$- \text{Red} = 17$$



$$= \underline{\hspace{2cm}}$$

Q8. This pictogram shows the cars parked in a car park.

Blue								
Green								
Yellow								
Red								
Orange								
Purple								
Black								

The key :  = 2 cars

- How many **black** cars are there? _____
- How many **red** cars are there? _____
- How many more **red** cars than **blue** cars are there?

- How many fewer **orange** cars than **purple** cars are there?

- How many cars are there **altogether**?

Q9. Two identical umbrellas cost \$18 in all.

What much does one umbrella cost?

$$\begin{array}{c} \text{Umbrella} \\ + \\ \text{Umbrella} \end{array} = \$18$$

$$\begin{array}{c} \text{Umbrella} \\ = \end{array} \underline{\hspace{2cm}}$$

Each umbrella costs _____ dollars.

Q10. Two bags have 16 baseballs in all.

Each bag has the same number of baseballs.

How many baseballs are in each bag?

$$\begin{array}{c} \text{Bag} \\ + \\ \text{Bag} \end{array} = 16$$

$$\begin{array}{c} \text{Bag} \\ = \end{array} \underline{\hspace{2cm}}$$

There are _____ baseballs in each bag.

Q11. Two identical books cost \$20.

How much does each book cost?

$$\begin{array}{c} \text{Book} \\ + \\ \text{Book} \end{array} = 20$$

$$\begin{array}{c} \text{Book} \\ = \end{array} \underline{\hspace{2cm}}$$

Each book costs _____.

Q12. 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

 $= \underline{\hspace{2cm}}$

The sandwich costs _____.

Q13. 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?

 $+ 6 = 20$

There are _____ marbles in the bag.

Q14. Grace took out 5 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?


$$- 15 = 7$$


$$= \underline{\hspace{2cm}}$$

There were _____ pencils in the pencil case at first.

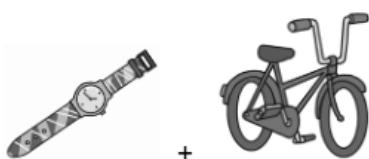
Q15. Find the value of each muffin.


$$+ + = 3$$


$$= \underline{\hspace{2cm}}$$

Q16. The cost of a watch and bicycle is \$75.

The watch costs \$20.


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

How much does the bicycle cost? _____