




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?

$$\$20 - \text{📖} = \$5$$

$$\text{📖} \text{ is } \$\underline{\hspace{2cm}}$$

Q3. Three identical ice creams cost 6 dollars.

$$\text{🍦} + \text{🍦} + \text{🍦} = 6$$

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

Q4. $\text{👛} + \text{👛} = 20 \text{ marbles}$

Find the value of 👛 .

Q5. $\$5 - \text{🍭} = \3

What is the cost of 🍭 ?

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

What is the cost of dress?

Q7. Find the value of each popsicle stick.



$$+ 8 = 16$$



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



-



$$= 19$$



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



+



$$= 39$$



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



+



$$= 55$$



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



-

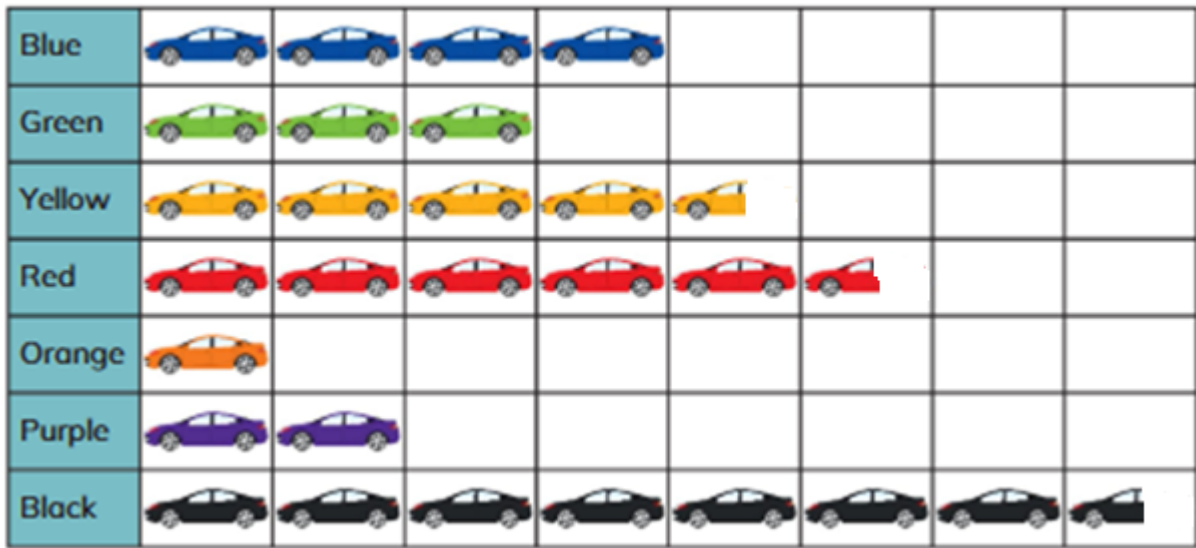


$$= 17$$



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

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



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?

$$\text{umbrella} + \text{umbrella} = \$18$$

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

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?

$$\text{bag} + \text{bag} = 16$$

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

There are baseballs in each bag.

Q11. Two identical books cost \$20.

How much does each book cost?

$$\text{book} + \text{book} = 20$$

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

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?

$$\text{🥪} + \$2 = \$5$$

$$\text{🥪} = \$5 - \$2$$

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

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?

$$\text{👜} + 6 = 20$$


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?


 - 5 = 7

 = _____

There were _____ pencils in the pencil case at first.

Q15. Find the value of each muffin.

 +  +  = 3

 = _____

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

The watch costs \$20.

 +  = _____

How much does the bicycle cost? _____