









Name:

1. Fill in the blanks with the correct numbers to make the equations true.

2	+	3	=	
+		-		-
3	-		=	1
=		=		=
	-	1	=	4

7	+	9	=	
-		-		-
2	+		=	6
=		=		=
	+	5	=	

2. Each of the symbols represent a different number. What number does each symbol represent?

a) $\triangle = 20$

$\star = \triangle - 8$

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

b) $\heartsuit - \text{flower} = 11$

$\heartsuit = 19$

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

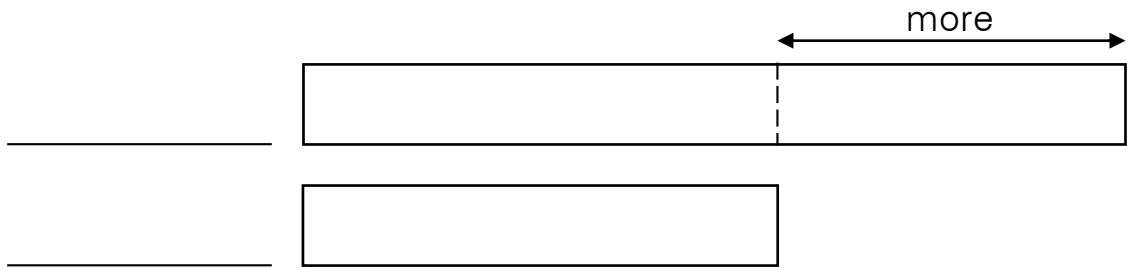
c) $\text{bell} + 3 = 20$

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

d) $\text{smiley} + \text{smiley} + \text{smiley} = 15$

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

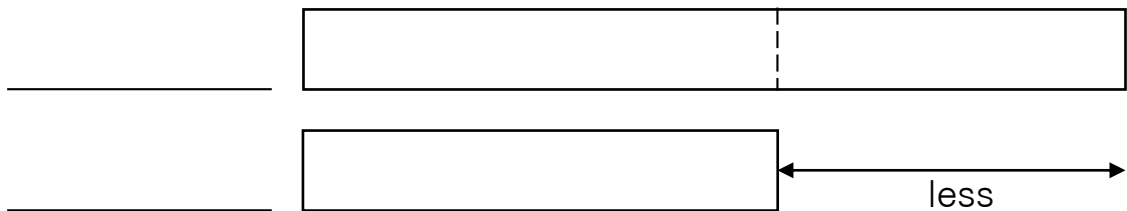
3. Jerry bought 5 more comics than Don. How many comics did Don buy if Jerry bought 16 comics?



$$\square \bigcirc \square = \square$$

Don bought _____ comics.

4. I bought 23 apples and some oranges. The number of oranges I bought is 9 less than the number of apples. How many apples and oranges did I buy altogether?



$$\square \bigcirc \square = \square$$

$$\square \bigcirc \square = \square$$

I bought _____ apples and oranges altogether.

Name: **ANSWERS**

1. Fill in the blanks with the correct numbers to make the equations true.



2	+	3	=	5
+		-		-
3	-	2	=	1
=		=		=
5	-	1	=	4

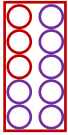
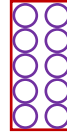
7	+	9	=	16
-		-		-
2	+	4	=	6
=		=		=
5	+	5	=	10




(This question allow the student to check their answers from different angles.)

2. Each of the symbols represent a different number. What number does each symbol represent?

a) $\triangle = 20$ $\begin{array}{r} 20 \\ - 8 \\ \hline 12 \end{array}$
 $\star = \triangle - 8$
 $\star = \underline{12}$

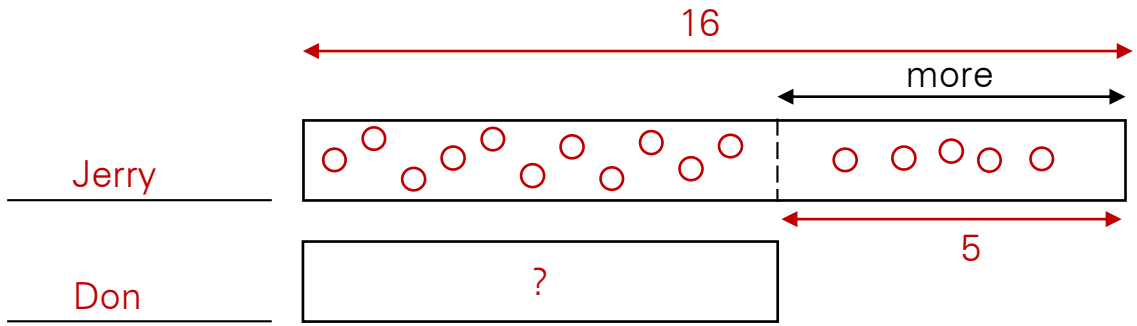
b) 19
 $\heartsuit - \text{flower} = 11$  
 $\heartsuit = 19$
 $\text{flower} = \underline{8}$

c) 17
 $\text{bell} + 3 = 20$  
 $\text{bell} = \underline{17}$

d) 5 5 5
 $\text{smiley} + \text{smiley} + \text{smiley} = 15$
 $\text{smiley} = \underline{5}$
  

(This question introduces the concept of algebra.)

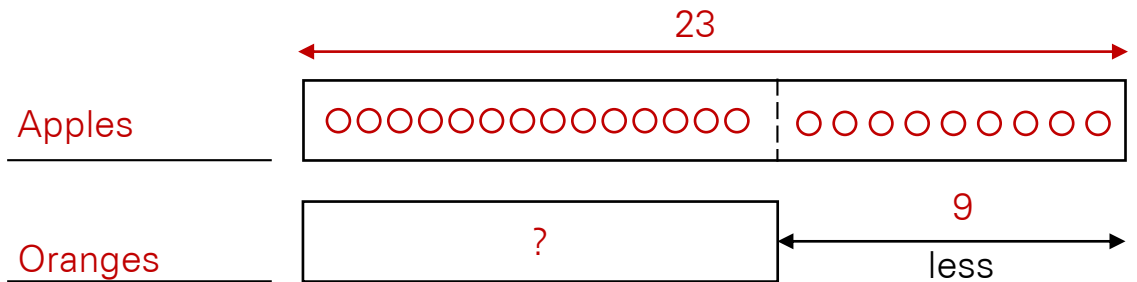
3. Jerry bought 5 more comics than Don. How many comics did Don buy if Jerry bought 16 comics?



$$\boxed{16} - \boxed{5} = \boxed{11}$$

Don bought 11 comics.

4. I bought 23 apples and some oranges. The number of oranges I bought is 9 less than the number of apples. How many apples and oranges did I buy altogether?



$$\boxed{23} - \boxed{9} = \boxed{14} \text{ (Oranges)}$$

$$\boxed{23} + \boxed{14} = \boxed{37}$$

I bought 37 apples and oranges altogether.