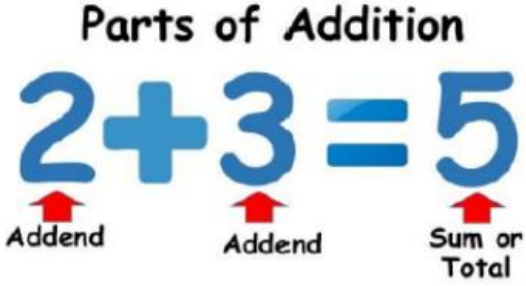
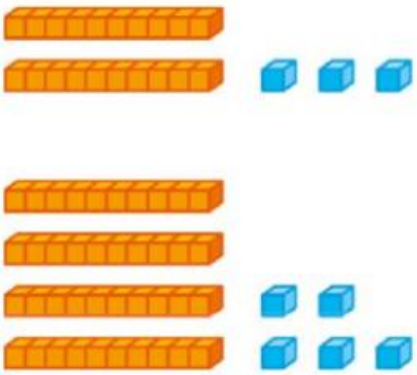
Date: Key answers

W.S (3.C.1) : Add and subtract up to 1000

Objectives: Add and subtract whole numbers up to 3- digits (with and without regrouping of ones or tens).



Q1. Jill wants to find the **sum** of 23 and 45.



	10s	1s
	2	3
+	4	5
	6	8

Step 1: Add the ones.
3 ones + 5 ones = 8 ones

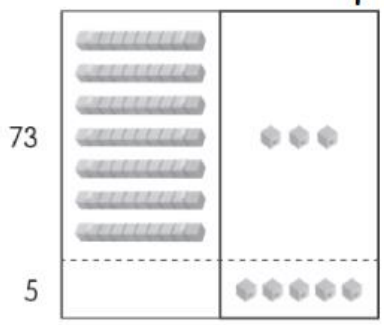
Step 2: Add the tens.
2 tens + 4 tens = 6 tens

23 + 45 = 68

There are 68 balls altogether.

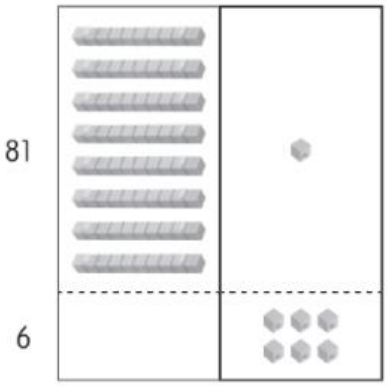
Q2. Add 73 and 5.

73 + 5 = 78



Q3. Add 81 and 6.

81 + 6 = 87



Q4. Add.

a)
$$\begin{array}{r} 92 \\ +\ 7 \\ \hline 99 \end{array}$$

b)
$$\begin{array}{r} 62 \\ +\ 5 \\ \hline 67 \end{array}$$

c)
$$\begin{array}{r} 58 \\ +\ 20 \\ \hline 78 \end{array}$$

d)
$$\begin{array}{r} 43 \\ +\ 56 \\ \hline 99 \end{array}$$

e)
$$\begin{array}{r} 36 \\ +\ 40 \\ \hline 76 \end{array}$$

f)
$$\begin{array}{r} 54 \\ +\ 32 \\ \hline 86 \end{array}$$

Q5. Add 47 and 50.

47 + 50 = 97

$$\begin{array}{r} 4\ 7 \\ +\ 5\ 0 \\ \hline \boxed{9}\ \boxed{7} \end{array}$$

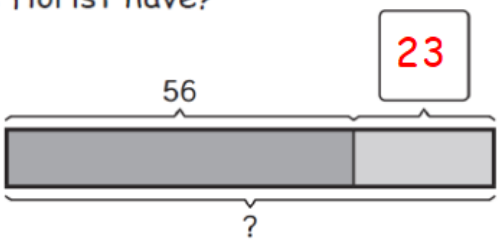
Q6. Add 76 and 21.

76 + 21 = 97

$$\begin{array}{r} 7\ 6 \\ +\ 2\ 1 \\ \hline \boxed{9}\ \boxed{7} \end{array}$$

Q7. A florist has 56 tulips.
He buys another 23 tulips.
How many tulips does the florist have?

56 + 23 = 79



The florist has 79 tulips.

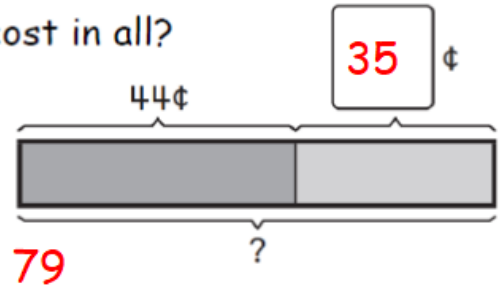
bar model

Why is 23 drawn shorter than 56? because 23 is smaller than 56

What does the (?) represent? It represents the sum

Q8. A pen costs 44¢ and a ruler costs 35¢.

How much do the two items cost in all?



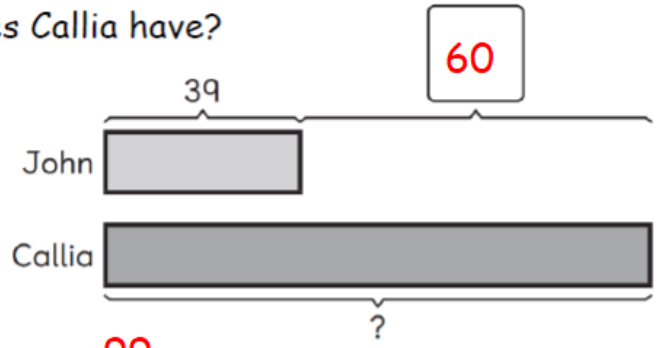
44 + 35 = 79

The two items cost 79 in all.

Q9. John has 39 stickers.

Callia has **60 more** stickers than John.

How many stickers does Callia have?



39 + 60 = 99

bar model

Callia has 99 stickers.

Q10. X and Y each stand for a 1-digit number.

What number does each letter stand for?

X = 3

Y = 6

	Tens	Ones
	Y	X
+	2	X
	8	Y

Q11. Add to find the sum (total) for each addition problem.

a) 53 + 20	b) 21 + 47	c) 14 + 32	d) 94 + 5
5 3 + 2 0 7 3	2 1 + 4 7 6 8	1 4 + 3 2 4 6	9 4 + 5 9 9

Q12. Add and regroup to find the sum.

Tens	Ones
1	
3	4
+ 1	7
5	1

Tens	Ones
1	
5	4
+ 2	9
8	3

Tens	Ones
1	
3	7
+ 3	6
7	3

Tens	Ones
1	
2	7
+ 2	8
5	5

Tens	Ones
1	
3	9
+ 5	6
9	5

Tens	Ones
1	
6	8
+ 1	5
8	3

Tens	Ones
1	
4	9
+ 2	8
7	7

Tens	Ones
1	
2	5
+ 3	6
6	1

Tens	Ones
1	
4	3
+ 3	7
8	0

Q13. Grade two students want to plant the school garden, they chose 56 red tulips and 34 yellow tulips. How many tulips would they plant in the garden **altogether**?

$$56 + 34 = 90$$

$$\begin{array}{r} \overset{1}{} \\ 56 \\ +\ 34 \\ \hline 90 \end{array}$$

Q14. Grade 2 students decided to recycle soda cans.

Boys group	29 cans recycled
Girl group	27 cans recycled

Find out how many soda cans they collected **altogether**.

$$29 + 27 = 56$$

$$\begin{array}{r} \overset{1}{} \\ 29 \\ +\ 27 \\ \hline 56 \end{array}$$

Q15. Roberta travelled 45 miles to Texas.

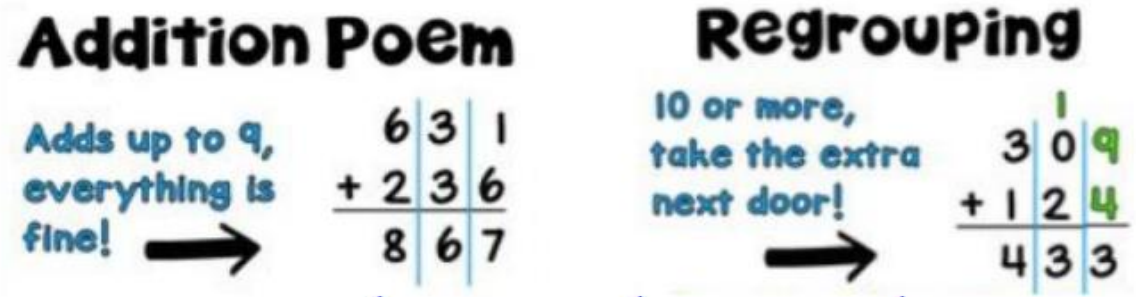
Then she travelled 59 miles **more** to Boston.

How far did she travel **in all**?

45 + 59 = 104

$$\begin{array}{r} {\scriptstyle (1)\,(1)} \\ 045 \\ +\,059 \\ \hline 104 \end{array}$$

Q16. Add the following numbers to find the sum.



1 546 +436 982	1 438 +522 960	1 312 +349 661
1 724 +137 861	1 239 +436 675	1 523 +267 790
1 155 +238 393	1 447 +327 774	1 1 262 +239 501

Q17. Mia has 556 crayons. She bought 34 **more** crayons.

How many crayons does she have now?

$$\begin{array}{r} {\scriptstyle 1} \\ 556 \\ +\ 34 \\ \hline 590 \end{array}$$

556 + 34 = 590

Q18. Talia has 612 books and Zain has 95 books.

How many books do they have **altogether**?

$$\begin{array}{r} {\scriptstyle 1} \\ 612 \\ +\ 95 \\ \hline 707 \end{array}$$

612 + 95 = 707

Q19. Sally has 86 red marbles and 24 yellow marbles.

How many marbles does she have in **all** ?

$$\begin{array}{r} {\scriptstyle 1} \\ 86 \\ +\ 24 \\ \hline 110 \end{array}$$

86 + 24 = 110

Q21. Calculate. Remember we start adding from the ones.

a) $\begin{array}{r} 62 \\ +\ 7 \\ \hline 69 \end{array}$

b) $\begin{array}{r} 56 \\ +\ 42 \\ \hline 98 \end{array}$

c) $\begin{array}{r} 38 \\ +\ 20 \\ \hline 58 \end{array}$

d) $\begin{array}{r} 73 \\ +\ 14 \\ \hline 87 \end{array}$

Q22. Add.

23 + 52 = 75	42 + 33 = 75	16 + 12 = 28	29 + 40 = 69	46 + 23 = 69
76 + 13 = 89	59 + 30 = 89	55 + 34 = 89	84 + 11 = 95	33 + 66 = 99
52 + 34 = 86	30 + 59 = 89	67 + 20 = 87	49 + 30 = 79	54 + 40 = 94
73 + 12 = 85	12 + 22 = 34	45 + 44 = 89	38 + 31 = 89	14 + 13 = 27
52 + 34 = 86	47 + 11 = 58	63 + 30 = 93	44 + 45 = 89	62 + 26 = 88

Q23. Find the total (sum). p.114

Remember we start adding from the ones.

10 or more take the extra next door

729 + 892 = 1621	201 + 814 = 1015	196 + 236 = 432
664 + 232 = 896	495 + 178 = 673	835 + 707 = 1542
498 + 553 = 1051	972 + 153 = 1125	792 + 135 = 927
888 + 249 = 1137	189 + 918 = 1107	649 + 232 = 881