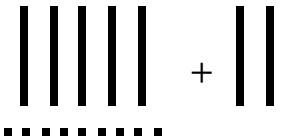
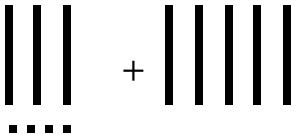
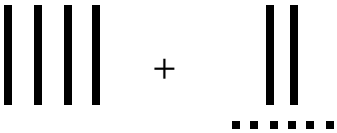
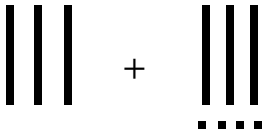
Adding with Whole Tens

1. The numbers are shown with ten-sticks and one-dots. Write the sums.

a. 54 + 10 = _____	 **b.** _____ + 20 = _____
 **c.** _____ + _____ = _____	**d.** _____ + _____ = _____
 **e.** _____ + _____ = _____	 **f.** _____ + _____ = _____

Adding whole tens and another 2-digit number Break down the other number into tens and ones. Add the tens. Then, add the ones.	50 + 26 50 + 20 + 6 70 + 6 = 76	39 + 40 30 + 9 + 40 70 + 9 = 79

2. Add. Break the second number into tens and ones first. Then add the tens.

a. 10 + 34 = _____ (10 + 30 + 4)	**b.** 10 + 28 = _____ (10 + _____ + _____)	**c.** 20 + 24 = _____ (20 + _____ + _____)
d. 30 + 21 = _____	**e.** 50 + 17 = _____	**f.** 40 + 33 = _____
g. 60 + 23 = _____	**h.** 30 + 37 = _____	**i.** 70 + 25 = _____

3. Add. Break the first number into tens and ones first. Then add the tens.

a. 45 + 20 = _____ (40 + 5 + 20)	**b.** 27 + 20 = _____ (_____ + _____ + 20)	**c.** 45 + 40 = _____ (_____ + _____ + 40)
d. 46 + 30 = _____	**e.** 16 + 50 = _____	**f.** 38 + 60 = _____
g. 20 + 77 = _____	**h.** 58 + 40 = _____	**i.** 40 + 39 = _____

4. Explain in your own words how you can mentally add 21 + 60.

5. Fill in the chart of doubles again, and notice its PATTERN.

5 + 5 = _____	30 + 30 = _____
10 + 10 = _____	35 + 35 = _____
15 + 15 = _____	40 + 40 = _____
20 + 20 = _____	45 + 45 = _____
25 + 25 = _____	50 + 50 = _____

6. Isabella got 30 books out of the library, and read half of them in two days. How many books does she have left to read?

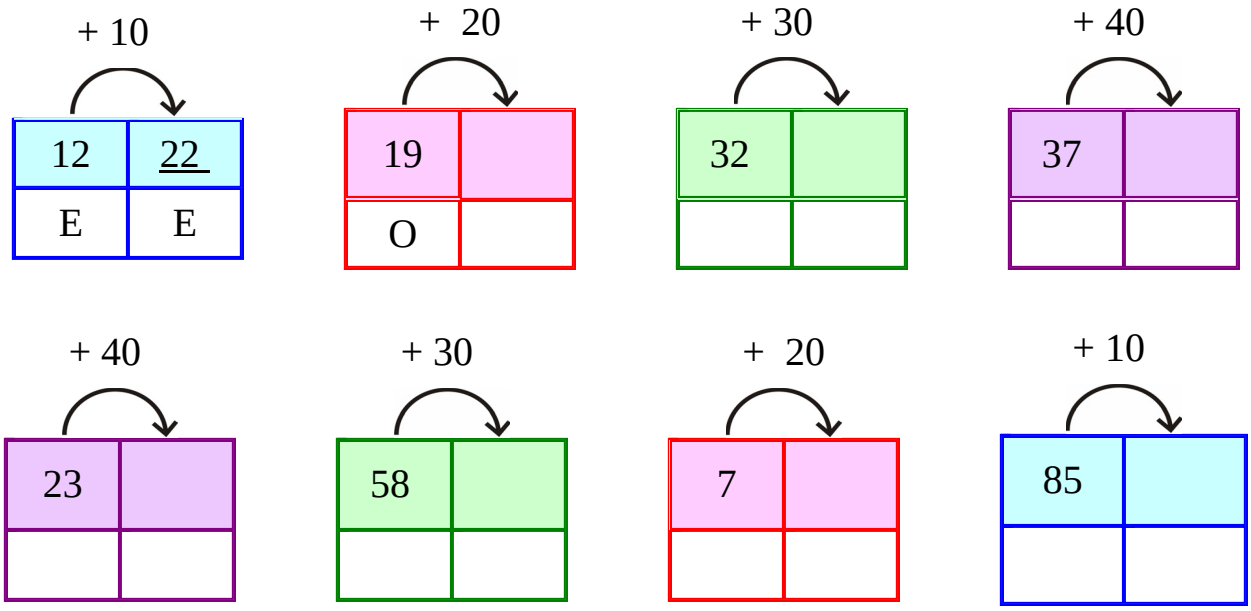
7. Gwen and Mom went shopping. They bought shoes for $40, a top for $10, and a skirt for $20. Mom paid half of the cost and Gwen paid the rest. How much did Gwen pay?

8. Jacob had $61. Then he bought a toy for $30. How much money does he have left?

9. Fill in the missing numbers and find how many tens were added.

a. 12 + _____ = 22	**b.** 45 + _____ = 65	**c.** 23 + _____ = 63
12 + _____ = 52	45 + _____ = 55	23 + _____ = 53
12 + _____ = 42	45 + _____ = 75	23 + _____ = 93

10. Add 10, 20, 30, or 40. In the box below the number, write "E" if the number is even, and "O", if the number is odd. What do you notice?



Puzzle Corner

How many different solutions can you find for this puzzle? Find at least two. All numbers are whole tens.

	+		+		=	70		+		+		=	70
+		+		+			+		+		+		
	+		+		=	100		+		+		=	100
+		+		+			+		+		+		
	+		+		=	70		+		+		=	70
=		=		=			=		=		=		
80		100		60			80		100		60		