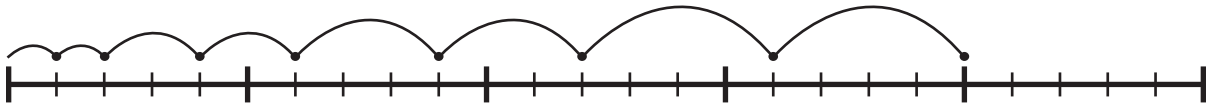


Answer the question. Show your answer on the number line.

36.



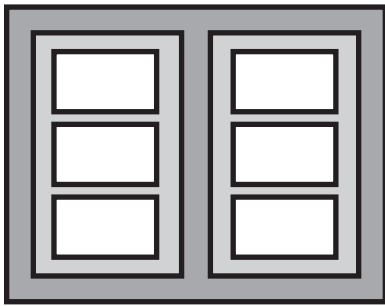
How many jumps for the next number? _____ jumps

Write the missing numbers in the pattern.

37. $7 + 3 + 6 + 3 + 5 + 3 + 4 + 3 + \underline{\quad} + \underline{\quad}$

38. $35 - 6 - 30 - 7 - 25 - 8 - 20 - 9 - \underline{\quad} - \underline{\quad}$

Follow the pattern. Show the problem on the diagram. Answer the question.



There is 1 big box. There are 2 boxes inside this box. There are 3 small boxes inside the 2 boxes.

39. How many boxes are inside each of the small boxes? _____ boxes

40. How many total boxes are there? _____ boxes

Find the rule. Complete the table. Write the generalization.

41.

Rule: Add 2	
In	Out
40	
42	
44	
46	

42.

Rule:	
In	Out
	6
9	8
11	

43.

Rule:		
# of bills	\$5 value	\$10 value
10		
20		
30		
40		

Solve. Write the answer.

44.

$$\begin{array}{r} 27 \\ + 10 \\ \hline \end{array}$$

45.

$$\begin{array}{r} 110 \\ + 30 \\ \hline \end{array}$$

46.

$$\begin{array}{r} 874 \\ + 100 \\ \hline \end{array}$$

47.

$$\begin{array}{r} 77 \\ - 70 \\ \hline \end{array}$$

48.

$$\begin{array}{r} 600 \\ - 80 \\ \hline \end{array}$$

49.

$$\begin{array}{r} 909 \\ - 90 \\ \hline \end{array}$$

50.

$$\begin{array}{r} 80 \\ \times 7 \\ \hline \end{array}$$

51.

$$\begin{array}{r} 400 \\ \times 6 \\ \hline \end{array}$$

52.

$$\begin{array}{r} 320 \\ \times 3 \\ \hline \end{array}$$

53.

$$3 \overline{)900}$$

54.

$$30 \overline{)900}$$

55.

$$90 \overline{)900}$$

Test Sheets 7–8

Standards-Based Placement Test

4.OA.5

Test sheet 7

Materials

- Pencils
- Graph paper (accommodation)

- ◆ Read the directions for each section with the students. Tell the children to look for patterns.

Problem 36:

- ✓ Answer the question. Show your answer on the number line.
- ✓ [Write the answer to the question.]

Problems 37 and 38:

- ✓ [Say the pattern.] Write the missing numbers in the pattern.

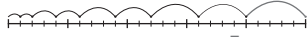
Problems 39 and 40:

- ✓ [Read the word problem.] Follow the pattern. Show the problem on the diagram. Answer the question.

Problems 41–43:

- ✓ [Use or] Find the rule. Complete the table. Write the generalization.

Answer the question. Show your answer on the number line.

36. 


How many jumps for the next number? 5 jumps

Write the missing numbers in the pattern.

37. $7 + 3 + 6 + 3 + 5 + 3 + 4 + 3 + \underline{3} + \underline{3}$

38. $35 - 6 - 30 - 7 - 25 - 8 - 20 - 9 - \underline{15} - \underline{10}$

Follow the pattern. Show the problem on the diagram. Answer the question.



There is 1 big box. There are 2 boxes inside this box. There are 3 small boxes inside the 2 boxes.

39. How many boxes are inside each of the small boxes? 4 boxes

40. How many total boxes are there? 33 boxes

Find the rule. Complete the table. Write the generalization.

41. Rule: Add 2

In	Out
40	42
42	44
44	46
46	48

Even + even = even
Answers may vary.

42. Rule: Subtract 1

In	Out
7	6
9	8
11	10
13	12

Odd - odd = even
Answers may vary.

43. Rule: $\times 5$ | $\times 10$

# of tens	# of ones	# of ones	# of ones
10	50	100	
20	100	200	
30	150	300	
40	200	400	

Even \times even = even
Answers may vary.

© 2019 TOUCHMATH SB5 Placement Test | 4.OA.5 | 7
NOT FOR REPRODUCTION

123

Accommodation
Encourage the students to look for and write numbers to help them identify the pattern.

Problems 39 and 40:
Provide graph paper for the students to replicate the problems and count the total number of boxes.

4.NBT.1

Test sheet 8

Materials

- Pencils

- ◆ Read the sheet directions with the students.

Solve.

- ✓ Write the answer.
- ✓ [Say the equation.]

Solve. Write the answer.

44.
$$\begin{array}{r} 27 \\ + 10 \\ \hline 37 \end{array}$$

45.
$$\begin{array}{r} 110 \\ + 30 \\ \hline 140 \end{array}$$

46.
$$\begin{array}{r} 874 \\ + 100 \\ \hline 974 \end{array}$$

47.
$$\begin{array}{r} 77 \\ - 70 \\ \hline 7 \end{array}$$

48.
$$\begin{array}{r} 600 \\ - 80 \\ \hline 520 \end{array}$$

49.
$$\begin{array}{r} 909 \\ - 90 \\ \hline 819 \end{array}$$

50.
$$\begin{array}{r} 80 \\ \times 7 \\ \hline 560 \end{array}$$

51.
$$\begin{array}{r} 400 \\ \times 6 \\ \hline 2,400 \end{array}$$

52.
$$\begin{array}{r} 320 \\ \times 3 \\ \hline 960 \end{array}$$

53.
$$\begin{array}{r} 300 \\ 3 \overline{)900} \end{array}$$

54.
$$\begin{array}{r} 30 \\ 30 \overline{)900} \end{array}$$

55.
$$\begin{array}{r} 10 \\ 90 \overline{)900} \end{array}$$

© 2019 TOUCHMATH SB5 Placement Test | 4.NBT.1 | 8
NOT FOR REPRODUCTION

123

Accommodation
Ring the operation sign. Remind the students of operations with 10 and 100.

