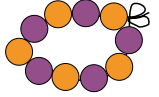




Art and Craft Competition

Seema and her three friends need to make necklaces of pearls for craft competition. Each necklace have **10 pearls**. Given is the table with information about the necklaces and loose pearls each friend have. Fill in the total number of pearls and answer the given questions.



Name	Number of Necklaces	Number of Pearls	Total number of pearls
Seema	4	5	$40 + 5 = 45$
Jiya	2	8	
Ruchi	3	4	
Aarohi	5	0	

- A. How many pearls are used by Seema and Ruchi together?
- B. What is the total number of pearls used by Jiya and Aarohi in all?
- C. How many pearls are used by Ruchi and Jiya together?



Addition using pearls

a. $24 + 11 =$



b. $31 + 13 =$



c. $19 + 22 =$

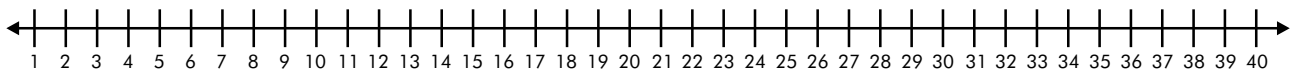


d. $15 + 28 =$

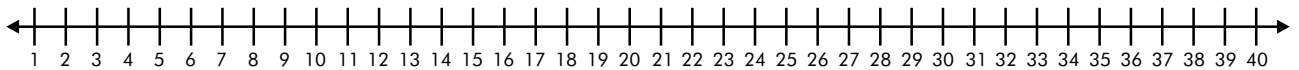


Addition on Number line

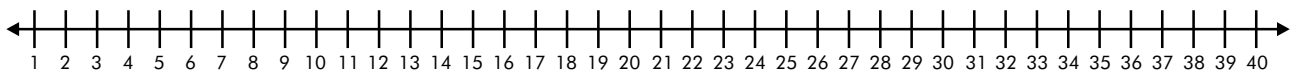
e. $17 + 19 =$



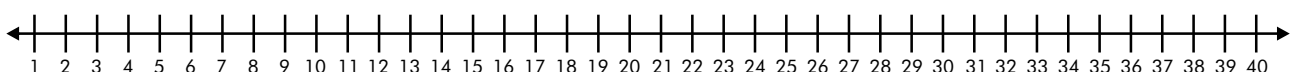
f. $13 + 16 =$



g. $11 + 27 =$



h. $28 + 12 =$





Playing around with Blocks

Let us find the total number of blocks

a.

4 tens
5 ones

+

3 tens
2 ones

Total blocks
 = ___ tens + ___ tens
 ___ ones + ___ ones
 = ___ tens and ___ ones
 = ___ blocks

b.

5 tens
3 ones

+

6 tens
8 ones

Total blocks
 = ___ tens + ___ tens
 ___ ones + ___ ones
 = ___ tens and ___ ones
 = ___ blocks

c.

3 tens
5 ones

+

7 tens
4 ones

Total blocks
 = ___ tens + ___ tens
 ___ ones + ___ ones
 = ___ tens and ___ ones
 = ___ blocks

d.

2 tens
1 ones

+

3 tens
11 ones

Total blocks
 = ___ tens + ___ tens
 ___ ones + ___ ones
 = ___ tens and ___ ones
 = ___ blocks



Playing around with Blocks

Using blocks add the given numbers. Draw standing line | for tens and ○ for ones.

a. $42 + 26 =$

b. $67 + 22 =$

c. $39 + 53 =$

d. $23 + 48 =$

e. $71 + 19 =$

f. $65 + 25 =$



Answers

Page 1

Seema $40 + 5 = 45$
 Jiya $20 + 8 = 28$
 Ruchi $30 + 4 = 34$
 Aarohi $50 + 0 = 50$

A. Pearls used by
 Seema + Ruchi
 $= 45 + 34$ pearls
 $= 79$ pearls

B. Pearls used by
 Jiya + Aarohi
 $= 28 + 50$ pearls
 $= 78$ pearls

C. Pearls used by
 Ruchi + Jiya
 $= 34 + 28$ pearls
 $= 62$ pearls

Page 2

Count using pearls

- a. $24 + 11 = 35$
- b. $31 + 13 = 44$
- c. $19 + 22 = 41$
- d. $15 + 28 = 43$

Mark on numberline

- e. $17 + 19 = 36$
- f. $13 + 16 = 29$
- g. $11 + 27 = 38$
- h. $28 + 12 = 40$

Page 3

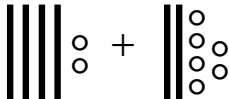
a. Total blocks
 $= 4$ tens + 3 tens
 and 5 ones + 2 ones
 $= 7$ tens + 7 ones
 $= 70 + 7$
 $= 77$ blocks

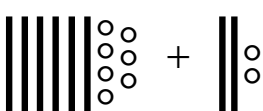
b. Total blocks
 $= 5$ tens + 6 tens
 and 3 ones + 8 ones
 $= 11$ tens + 11 ones
 $= 110 + 10 + 1$
 $= 111$ blocks

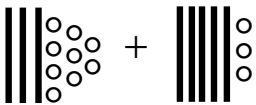
c. Total blocks
 $= 3$ tens + 7 tens
 and 5 ones + 4 ones
 $= 10$ tens + 9 ones
 $= 100 + 9$
 $= 109$ blocks

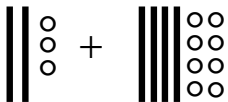
d. Total blocks
 $= 2$ tens + 3 tens
 and 1 ones + 11 ones
 $= 5$ tens + 12 ones
 $= 50 + 10 + 2$
 $= 62$ blocks

Page 4

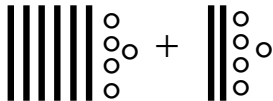
a.  $= \underline{6}$ tens and $\underline{8}$ ones
 $= \underline{60} + \underline{8}$
 $= \underline{68}$ blocks

b.  $= \underline{8}$ tens and $\underline{9}$ ones
 $= \underline{80} + \underline{9}$
 $= \underline{89}$ blocks

c.  $= \underline{8}$ tens and $\underline{12}$ ones
 $= \underline{80} + \underline{10} + \underline{2}$
 $= \underline{92}$ blocks

d.  $= \underline{6}$ tens and $\underline{11}$ ones
 $= \underline{60} + \underline{10} + \underline{1}$
 $= \underline{71}$ blocks

e.  $= \underline{6}$ tens and $\underline{8}$ ones
 $= \underline{60} + \underline{8}$
 $= \underline{68}$ blocks

f.  $= \underline{8}$ tens and $\underline{10}$ ones
 $= \underline{80} + \underline{10} + \underline{0}$
 $= \underline{90}$ blocks