

INTRODUCTION

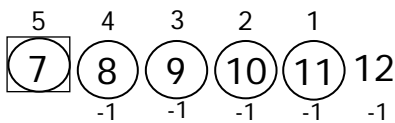
This workbook is an essential tool for teachers, parents and students to teach and learn to subtract. The activities are set out in gradual sequential order, so students can learn to subtract one step at a time, from subtracting one, or two or three using the counting back and adding on method. Counting back or on from any number is an important life skill. We cannot count out money, or understand the concept of giving change if we don't master the count back and count on strategy.

Useful strategies to consider.

Using a number line.

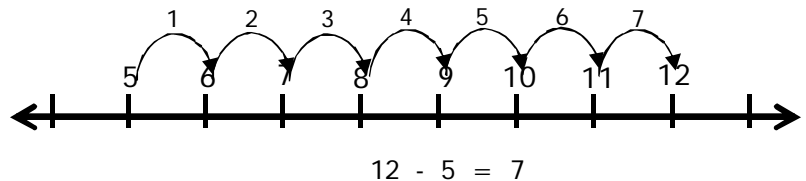
$$12 - 5 = 7$$

(a) Count back strategy.



Count back (down) 5 numbers from 12.
The answer is 7.

(b) Count on strategy.



Count on from 5 until you reach 12.
There are 7 jumps (numbers) from 5 to 12.
The answer is 7.

Using a LUK box number grid.

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

$$12 - 5 = 7$$

25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

$$30 - 4 = 26$$

Using dot patterns.

Count back strategy.

Touch the dots or pretend dots and count back.

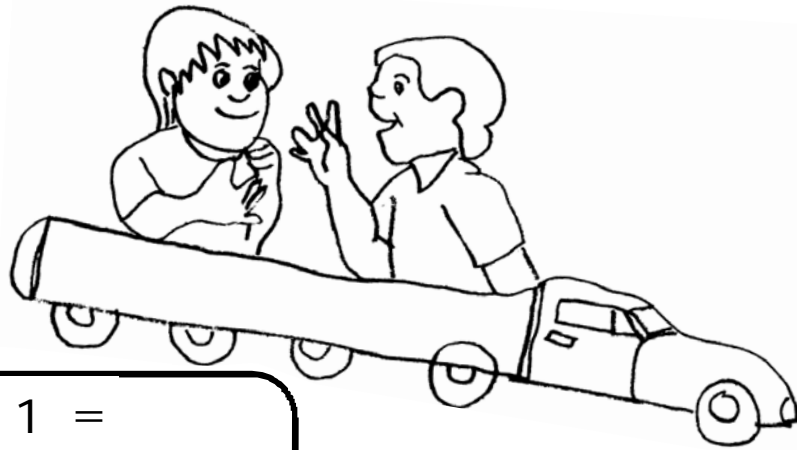
$$7 - \begin{matrix} \cdot 6 \\ \cdot 2 \\ \cdot 5 \end{matrix} = 5$$

$$16 - \begin{matrix} 15 \\ \cdot 4 \\ \cdot 12 \\ \cdot 13 \end{matrix} = 12$$

$$12 - \begin{matrix} \cdot 11 \\ \cdot 3 \\ \cdot 9 \\ \cdot 10 \end{matrix} = 9$$

$$9 - \begin{matrix} 8 \\ \cdot 7 \\ \cdot 5 \\ \cdot 6 \\ \cdot 4 \end{matrix} = 4$$





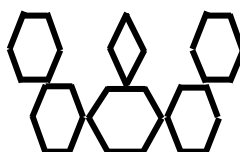
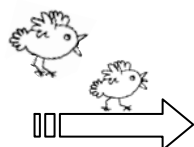
1	$2 - 1 =$
2	$18 - 1 =$
3	$17 - 1 =$
4	$7 - 1 =$
5	$4 - 1 =$
6	$15 - 1 =$

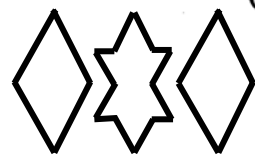
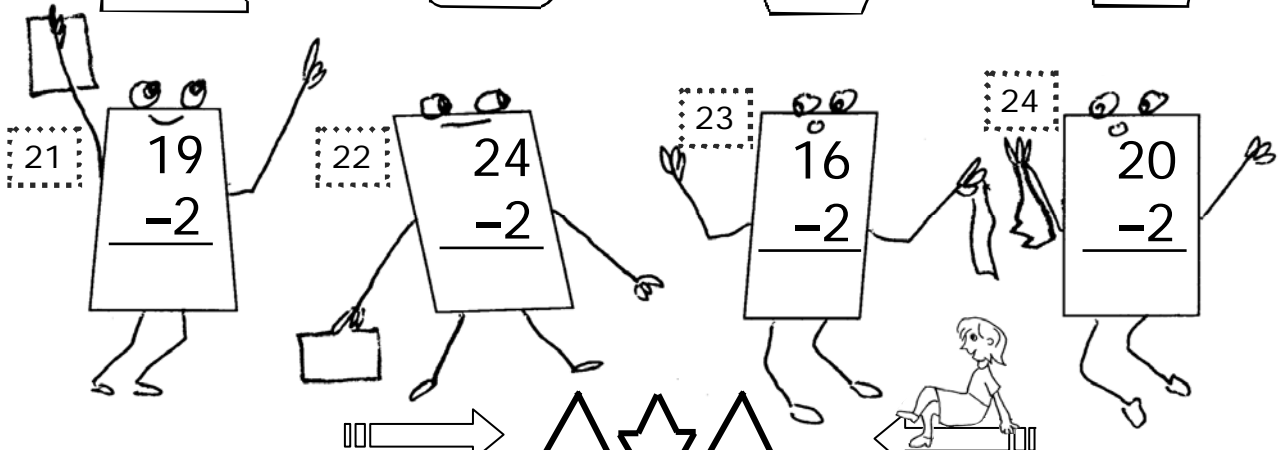
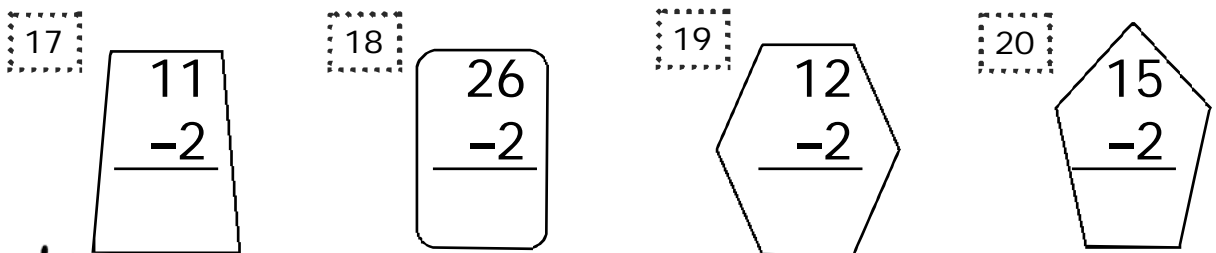
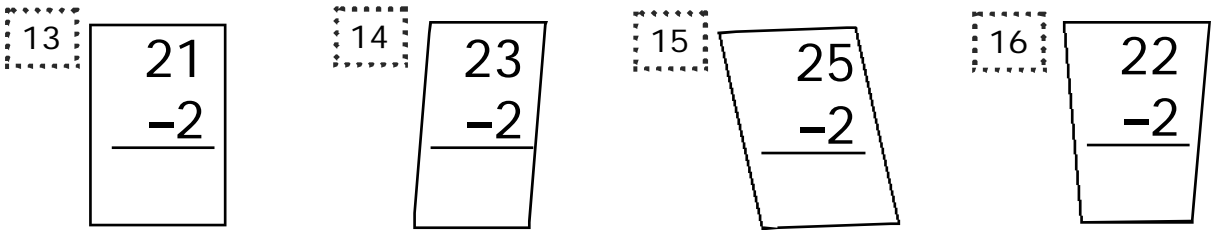
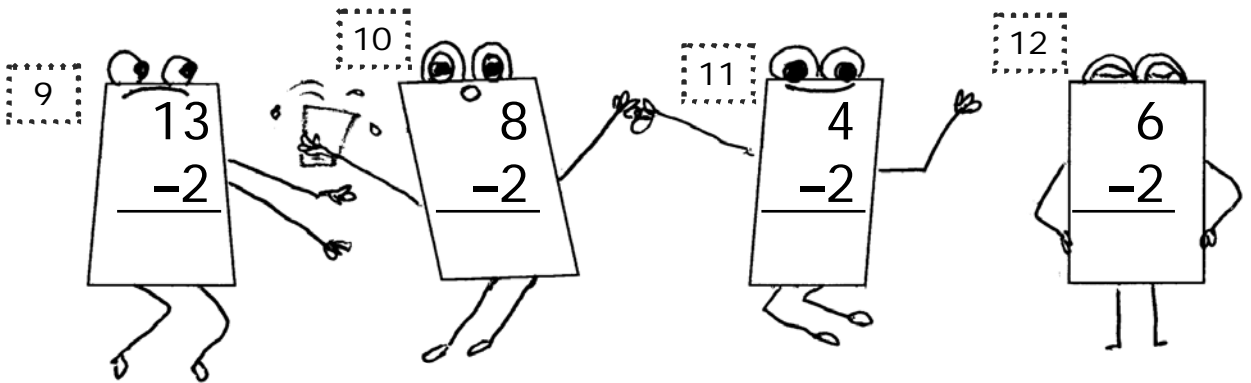
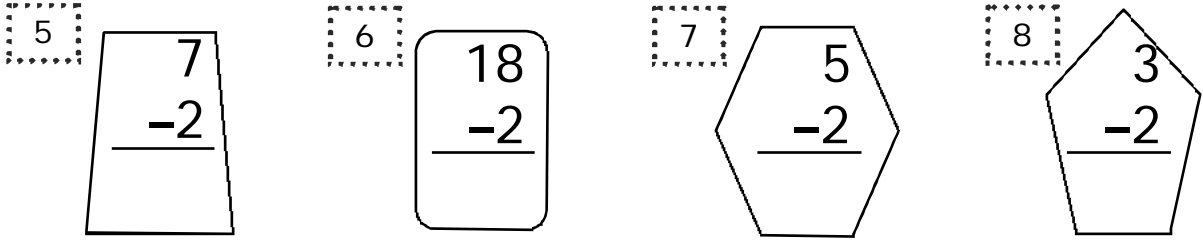
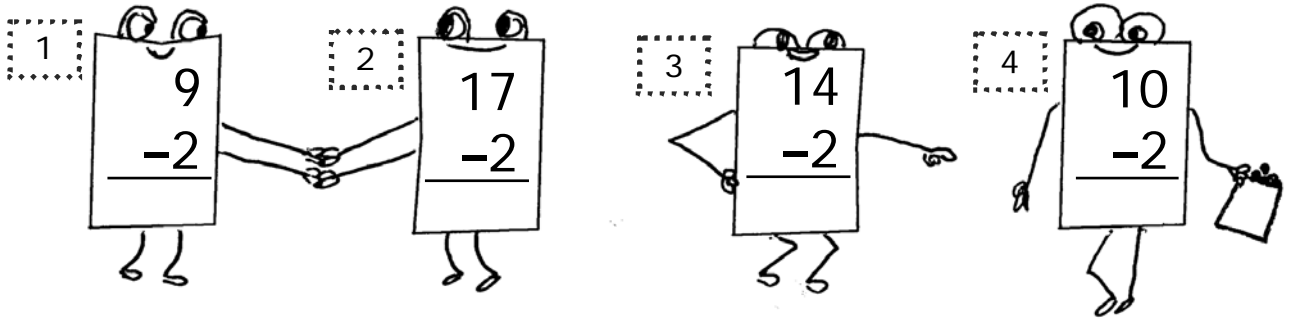
7	$14 - 1 =$
8	$6 - 1 =$
9	$16 - 1 =$
10	$5 - 1 =$
11	$3 - 1 =$
12	$19 - 1 =$

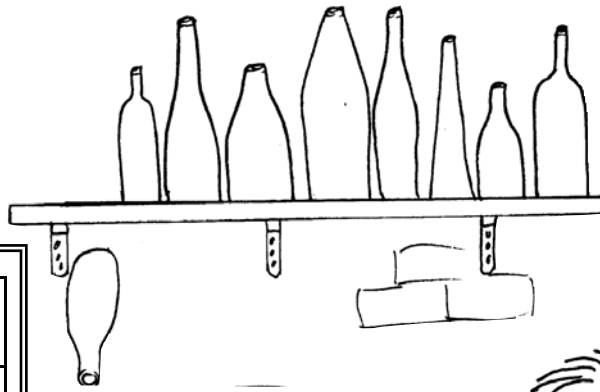


13	$12 - 1 =$
14	$20 - 1 =$
15	$10 - 1 =$
16	$9 - 1 =$
17	$24 - 1 =$
18	$11 - 1 =$

9	$21 - 1 =$
20	$8 - 1 =$
21	$22 - 1 =$
22	$25 - 1 =$
23	$13 - 1 =$
24	$23 - 1 =$

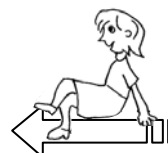
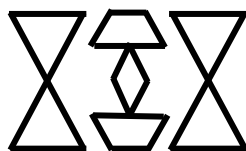
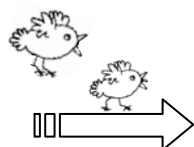
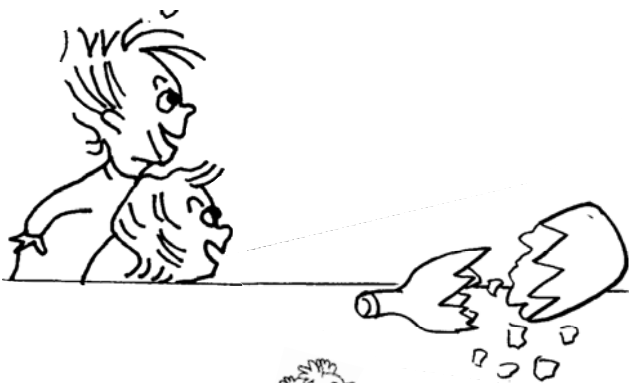






1	$23 - 3 - 1 =$	
2	$7 - 2 - 2 =$	
3	$28 - 3 - 1 =$	
4	$24 - 2 - 2 =$	
5	$21 - 1 - 3 =$	
6	$8 - 3 - 1 =$	
7	$13 - 3 - 1 =$	
8	$17 - 2 - 2 =$	
9	$27 - 2 - 2 =$	
10	$22 - 2 - 2 =$	
11	$18 - 3 - 1 =$	
12	$14 - 2 - 2 =$	

13	$11 - 1 - 3 =$	
14	$19 - 3 - 1 =$	
15	$15 - 3 - 1 =$	
16	$12 - 2 - 2 =$	
17	$25 - 1 - 3 =$	
18	$16 - 1 - 3 =$	
19	$26 - 2 - 2 =$	
20	$5 - 3 - 1 =$	
21	$9 - 2 - 2 =$	
22	$20 - 2 - 2 =$	
23	$6 - 3 - 1 =$	
24	$10 - 2 - 2 =$	





1	$20 - 2 =$	
2	$20 - 6 =$	
3	$20 - 5 =$	
4	$20 - 3 =$	
5	$30 - 3 =$	
6	$40 - 3 =$	
7	$30 - 5 =$	
8	$30 - 1 =$	
9	$20 - 4 =$	
10	$30 - 2 =$	
11	$10 - 4 =$	
12	$30 - 4 =$	



13	$40 - 5 =$	
14	$10 - 3 =$	
15	$10 - 1 =$	
16	$40 - 4 =$	
17	$20 - 1 =$	
18	$40 - 6 =$	
19	$50 - 6 =$	
20	$50 - 3 =$	
21	$50 - 5 =$	
22	$10 - 2 =$	
23	$50 - 2 =$	
24	$50 - 4 =$	

