

Year 4: Counting in steps of 6, 7, 9, 25 and 1000: answers

Year 4 - Place Value - Lesson 1.1

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch01-place-value/counting-in-steps-of-6-7-9-25-and-1000/

Exercise 1A Counting in steps Non-calculator

1 Count on in 6s. Write the next three numbers each time. The hundred square can help you.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

(a) Start at 12

Answer: 18, 24, 30

(b) Start at 30

Answer: 36, 42, 48

(c) Start at 48

Answer: 54, 60, 66

(d) Start at 54

Answer: 60, 66, 72

2 Count on in 7s. Write the next three numbers each time.

(a) Start at 14

Answer: 21, 28, 35

(b) Start at 35

Answer: 42, 49, 56

(c) Start at 49

Answer: 56, 63, 70

(d) Start at 63

Answer: 70, 77, 84

3 Count on in 9s. Write the next three numbers each time.

(a) Start at 18

Answer: 27, 36, 45

(b) Start at 45

Answer: 54, 63, 72

(c) Start at 72

Answer: 81, 90, 99

(d) Start at 81

Answer: 90, 99, 108

4 Count back. Write the next three numbers each time.

(a) In 6s from 60

Answer: 54, 48, 42

(b) In 7s from 70

Answer: 63, 56, 49

(c) In 9s from 99

Answer: 90, 81, 72

(d) In 25s from 300

Answer: 275, 250, 225

5 Zainab is counting in 25s. Write the numbers that are missing from the number line.



Answer: 25, 50, 75, 125, 150, 175

6 Count in 1000s. Write the next four numbers each time.

(a) Count on from 2,350

Answer: 3,350, 4,350, 5,350, 6,350

(b) Count back from 9,125

Answer: 8,125, 7,125, 6,125, 5,125

(c) Count on from 5,008

Answer: 6,008, 7,008, 8,008, 9,008

- (d) Count back from 10,000

Answer: 9,000, 8,000, 7,000, 6,000

7 Write the missing numbers in each sequence.

- (a) 7, 14, 28, 35,

Answer: 21, 42

- (b) 81, 63, 45

Answer: 72, 54

- (c) 375, 400, 450

Answer: 350, 425

- (d) 3,600, 6,600,

Answer: 4,600, 5,600, 7,600

- (e) 60, 48, 36

Answer: 54, 42

8 Quick-fire! Is the first number a multiple of the second? Write yes or no.

- (a) 42 & 6

Answer: Yes

- (b) 52 & 7

Answer: No

- (c) 81 & 9

Answer: Yes

- (d) 77 & 7

Answer: Yes

- (e) 175 & 25

Answer: Yes

- (f) 7,000 & 1,000

Answer: Yes

9 Amira puts a 25p coin in her money jar every day. How many days will it take her to save £2?

Answer: 8 days

10 A box holds 6 eggs. Count in 6s to find how many eggs there are in 9 boxes.

Answer: 54 eggs

11 A library has 4,250 books. Every month 1,000 new books arrive and no books leave. How many books will the library have after 5 months?

Answer: 9,250 books

12 Jack counts in 7s: 7, 14, 21, 27, 35, 42. He has made a mistake. Spot the mistake and write the correct number.

Answer: 27 should be 28

13 Which of these numbers is **not** in the 9 times table? 36, 45, 56, 63

Answer: 56

14 Zainab counts in 9s from 0. Leo counts in 6s from 0. What is the first number above 0 that they both say?

Answer: 18