

Varied Fluency Counting in Powers of 10

Developing

1a.

1,435	4,356	1,567	5,432	8,345
7,345	2,456	2,531	4,432	1,536
1,334	1,345	3,521	3,621	1,543
1,434	1,743	2,734	2,834	2,564
1,534	1,634	1,734	1,834	2,134
4,623	1,643	1,844	1,934	2,034

2a. 16,400; 17,400; 18,400; 19,400; 20,400;
21,400; 21,400

3a. 6,808; 6,908; 7,008; 7,108

4a. 36,678; 37,678; 38,678

Expected

5a.

39,080	38,080	30,080	29,080	30,080
38,080	28,080	27,080	29,080	28,080
37,080	36,080	26,080	30,080	20,080
38,080	35,080	25,080	31,080	30,080
39,080	34,080	33,080	32,080	31,080
40,080	30,080	31,080	31,080	32,080

Count backwards in 10,000s.

6a. 59,999; 49,999; 39,999; 29,999; 19,999;
9,999; -99 -1

7a. 876,543; 877,543; 878,543; 879,543

They have increased by 1,000.

8a. Rule = -10,000: 617,352; 607,352;
597,352

Greater Depth

9a.

-507	493	1,493	493	-493
507	1,507	2,493	1,493	1,493
1,507	2,507	3,493	2,493	2,493
2,507	5,493	4,493	3,493	12,493
3,507	6,493	5,493	4,493	11,493
4,507	7,493	8,493	9,493	10,493

Count forwards in 1,000s. Reach 12,493.

10a. -224; -124; -24; 24 76; 124 176; 224
276

11a. -789; 9,211; 19,211; 29,211

They have increased by 10,000.

12a. +10,000: 679,062; 689,062; 699,062

Varied Fluency Counting in Powers of 10

Developing

1b.

1,125	1,195	1,185	1,155	1,335
1,105	1,205	1,175	185	1,235
1,085	990	1,165	225	1,225
1,095	1,145	1,155	1,165	1,215
1,105	1,135	1,165	1,175	1,205
1,115	1,125	1,175	1,185	1,195

2b. 500,000; 490,000; ~~480,000~~ 480,000;

470,000; ~~480,000~~ 460,000; ~~490,000~~ 450,000

3b. 256,020; 256,010; 256,000; 259,990

4b. 143,024; 143,034; 143,044

Expected

5b.

14,476	15,476	16,476	15,476	14,476
15,476	14,476	17,476	18,476	13,476
16,476	19,476	18,476	19,476	26,476
26,476	20,476	21,476	13,476	25,476
27,476	17,476	22,476	23,476	24,476
28,476	18,476	19,476	20,476	30,476

Count forwards in 10,000s.

6b. 876,664; 776,664; 676,664; ~~676,664~~
576,664; ~~477,664~~ 476,664

7b. 996,151; 996,051; 995,951; 995,851

They have decreased by 100.

8b. Rule = -100: 891,809; 891,709; 891,609

Greater Depth

9b.

896,065	895,065	894,065	994,065	908,065
897,065	898,065	899,065	984,065	907,065
887,065	878,065	900,065	901,065	906,065
877,065	888,065	901,065	904,065	905,065
977,065	967,065	902,065	903,065	904,065
867,065	857,065	903,065	904,065	903,065

Count forwards in 1,000s. Reach 908,065.

10b. 499,624; 399,624; ~~399,624~~ 299,624;
199,624; 99,624; 624 - 376

11b. 299,706; 199,706; 99; 706; -294

They have decreased by 100,000.

12b. -1,000: 1,456; 456; -544