

Whole numbers

1. Possible answers: 31 746; 31 647; 31 476; 36 741; 64 731
2. Answers will vary according to answer in Question 1.
3. a. 5 060 b. 10 800 c. 6 800 d. 9 007

4.

	10	100	1 000
a. 17 256	17 260	17 300	17 000
b. 42 512	42 510	42 500	43 000
c. 23 772	23 770	23 800	24 000
d. 76 951	76 950	77 000	77 000

Addition and subtraction

Copy and complete

5.

Number	Add 800	Subtract 600	Add 5 000	Subtract 9 000
a. 12 521	13 321	11 921	17 521	3 521
b. 23 126	23 926	22 526	28 126	14 126
c. 19 472	20 272	18 872	24 472	10 472
d. 31 254	32 054	30 654	36 254	22 254

6. a. $45\,789 + 25\,614 = 71\,403$ b. $32\,147 + 16\,842 = 48\,989$ c. $51\,029 + 32\,986 = 84\,015$
d. $27\,361 - 19\,554 = 7\,807$ e. $38\,716 - 22\,358 = 16\,358$ f. $86\,113 - 56\,258 = 29\,855$

Fractions

7. A. a. $\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$ b. $\frac{1}{8} + \frac{3}{8} = \frac{4}{8}$ c. $\frac{7}{8} - \frac{2}{8} = \frac{5}{8}$
B. a. $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$ b. $\frac{4}{5} - \frac{3}{5} = \frac{1}{5}$ c. $\frac{3}{5} - \frac{1}{5} = \frac{2}{5}$
8. a. $\frac{1}{3}$ of 12 = 4 b. $\frac{1}{4}$ of 20 = 5 c. $\frac{1}{8}$ of 24 = 3 d. $\frac{1}{6}$ of 30 = 5
9. $6; 6\frac{1}{4}; 6\frac{1}{2}; 6\frac{3}{4}; 7; 7\frac{1}{4}; 7\frac{1}{2}; 7\frac{3}{4}; 8; 8\frac{1}{4}; 8\frac{1}{2}; 8\frac{3}{4}; 9; 9\frac{1}{4}; 9\frac{1}{2}; 9\frac{3}{4}; 10; 10\frac{1}{4}; 10\frac{1}{2}$