

TARGET To recognise the place value of each digit in a four-digit number.

The value of a digit depends upon its place in the number.

Example

PLACE VALUE

PARTITIONING

Th H T U
3 8 4 6

The 3 has a value of 3000.
The 8 has a value of 800.
The 4 has a value of 40.
The 6 has a value of 6.

Knowing the value of each digit means that you are able to partition the number.

$$3846 = 3000 + 800 + 40 + 6$$

A

Copy and complete.

1 $186 = 100 + 80 + \square$

2 $732 = 700 + \square + 2$

3 $519 = \square + 10 + 9$

4 $248 = 200 + \square + 8$

5 $983 = \square + 80 + 3$

6 $427 = 400 + 20 + \square$

7 $651 = 600 + \square + 1$

8 $374 = \square + 70 + 4$

Write down the value of the digit underlined.

9 $5\underline{2}6$ 14 $\underline{6}14$

10 $3\underline{9}8$ 15 $9\underline{5}7$

11 $84\underline{5}$ 16 $4\underline{3}2$

12 $16\underline{3}$ 17 $70\underline{9}$

13 $27\underline{8}$ 18 $38\underline{1}$

Add 100 to:

19 374 24 240

20 519 25 652

21 206 26 318

22 843 27 975

23 487 28 731

B

What is the value of the digit underlined?

1 $5\underline{4}6$ 5 $975\underline{2}$

2 $\underline{2}09$ 6 $318\underline{9}$

3 $734\underline{8}$ 7 $\underline{8}503$

4 $162\underline{7}$ 8 $4\underline{2}16$

Partition these numbers as in the example.

9 3597 13 4623

10 6241 14 7158

11 1705 15 2836

12 8369 16 9418

What needs to be added or subtracted to change:

17 647 to 687

18 4539 to 2539

19 1821 to 1521

20 2703 to 7703

21 4159 to 4859

22 6204 to 6264

23 3837 to 7837

24 8916 to 8416

25 4575 to 1575

26 2823 to 2893?

C

Take 40 from: Add 500 to:

1 1265 6 3290

2 4897 7 847

3 536 8 27 523

4 2971 9 61

5 8104 10 4

Take 300 from: Add 6000 to:

11 5924 16 8020

12 32 181 17 17

13 7763 18 25 863

14 11 358 19 409

15 49 096 20 39 116

What needs to be added or subtracted to change:

21 24 173 to 31 173

22 5908 to 5858

23 3090 to 1000

24 9998 to 100 000?

Copy and complete.

25 $3472 = \square + 72$

26 $51\ 068 = \square + 68$

27 $2259 = 2009 + \square$

28 $64\ 387 = 60\ 007 + \square$