

Place value

Year 5

1 Write these numbers in their correct places.

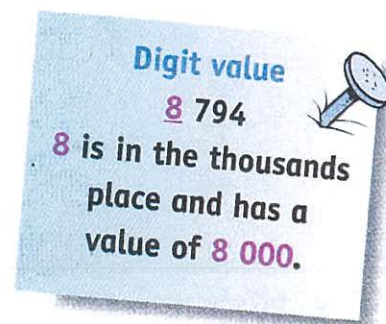
	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
a 763						
b 9 658						
c 215 842						
d 64 329						
e 906						
f 528 045						
g 80 961						
h 439 200						
i 6 030						
j 700 358						

2 Write four numbers larger than 100 000 but smaller than 150 000.

3 Write four numbers smaller than 295 000 but larger than 294 000.

4 Write the value of each red numeral.

- | | |
|-------------------|--------------------|
| a 7 6 5 1 | b 8 1 39 |
| c 1 5 384 | d 7 6 9 128 |
| e 93 4 058 | f 60 57 3 |
| g 2 6 290 | h 5 17 846 |
| i 1 04 317 | j 9 49 601 |
| k 200 3 94 | l 9 9 003 |



5 Write in ascending order the numbers in question 4 that are less than 500 000.

6 Write in expanded notation the numbers in question 4 that are more than 500 000.

- a 517 846 = 500 000 + 10 000 + _____ + _____ + _____ + _____
- b _____ = _____
- c _____ = _____
- d _____ = _____



Simon has
12 608 points.



Kim has
8 094 points.



Jay has
5 619 points.

Points Awards



Mystery flight
4 455 points



Holiday
6 341 points



Luggage
1 753 points



Computer
2 809 points



Lamp
1 196 points



Watch
5 015 points



Chess set
2 098 points

Simon, Kim and Jay gather award points by using their credit cards.
They have decided to trade some points for awards.

- I How many points are need to claim:
 - a holiday and luggage? _____
 - b flight and watch? _____
 - c computer and lamp? _____
 - d chess set and watch? _____
 - e holiday, watch and computer? _____
 - f flight, luggage and lamp? _____
 - g lamp, chess set and computer? _____
 - h flight and holiday? _____
 - i the four items which need the lowest points? _____
 - j the four items which need the highest points? _____

Working

Addition and subtraction

Checking

Use + to check - algorithms.

eg $96 - 47 = 49$

Check: $47 + 49 = 96$

Use - to check + algorithms.

eg $107 + 35 = 142$

Check: $142 - 35 = 107$

Year
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Look at page 89.

Use addition to check these answers.

1 How many points did Simon have left if he buys:

a holiday and luggage?

b chess set and watch?

c flight, luggage and lamp?



2 How many points will Kim have left if she buys:

a computer and lamp?

b flight, luggage and lamp?



3 a What three items can Jay buy?

b How many points will he have left? _____

Algorithm	Check

Working



Challenge!

a How many points are needed for all seven awards?

b If you earn 1 point for every \$5 you spend how much must you spend to save enough points to claim all seven awards?