



3.3 Write in expanded notation

e.g. $36\,421 = 36\text{ thousands} + 4\text{ hundreds} + 2\text{ tens} + 1\text{ unit}$ or $3\text{ ten-thousands} + 6\text{ thousands} + 4\text{ hundreds} + 2\text{ tens} + 1\text{ unit}$
 $= 36\,000 + 400 + 20 + 1$ or $30\,000 + 6\,000 + 400 + 20 + 1$
 $= (36 \times 1000) + (4 \times 100) + (2 \times 10) + 1$ or $(3 \times 10000) + (6 \times 1000) + (4 \times 100) + (2 \times 10) + 1$

Do these as shown in a

a) $8\,037 = 8\,000 + 30 + 7$ OR $8\,000 + 0 + 30 + 7$

$= (8 \times 1000) + (3 \times 10) + (7 \times 1)$

$= (8 \times 10 \times 10 \times 10) + (3 \times 10) + (7 \times 1)$

b) $24\,681 =$

$=$

$=$

c) $114\,675 =$

$=$

$=$

d) $243\,697 =$

$=$

$=$

3.4

a) In 40 there are _____ tens or _____ units.

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b) In 400 there are _____ tens or _____ units.

c) In 4000 there are _____ hundreds or _____ tens.

d) In 40 000 there are _____ tens, _____ hundreds or _____ thousands.

e) In 400 000 there are _____ hundreds, _____ thousands or _____ ten-thousands.

4. Write down the next 2 whole numbers in each sequence.

leave gaps

a) $67670 ; 67770 ; 67870 ;$ _____

b) $42830 ; 42880 ; 42930 ;$ _____

c) $15840 ; 15865 ; 15890 ;$ _____

d) $59732 ; 59722 ; 59712 ;$ _____