

1.3 Place Value

TRILLIONS	HUNDRED BILLIONS	TEN BILLIONS	BILLIONS	HUNDRED MILLIONS	TEN MILLIONS	MILLIONS	HUNDRED THOUSANDS	TEN THOUSANDS	THOUSANDS	HUNDREDS	TENS	ONES	AND	TENTHS	HUNDREDTHS	THOUSANDTHS
									6	0	3	5	.	7	2	6

SIX THOUSAND THIRTY-FIVE AND SEVEN HUNDRED TWENTY-SIX THOUSANDTHS

Practice

1. Write each number in words.

a) 12 = _____

b) 35 = _____

c) 64 = _____

d) 89 = _____

e) 125 = _____

f) 689 = _____

g) 4210 = four thousand two hundred ten

h) 84 308 = _____

i) 528 463 = _____

j) 2 000 000 000 = _____

k) 0.3 = _____

l) 6.78 = _____

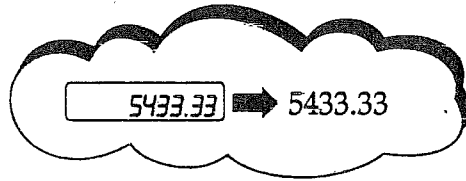
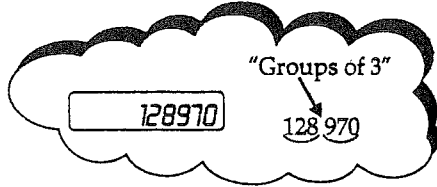
m) 26.7 = _____

n) 45.784 = _____

o) 100.58 = _____

- p) $225.78 =$ _____
 q) $480.38 =$ _____
 r) $2030.4 =$ _____
 s) $5729.21 =$ _____
 t) $12\ 346.142 =$ _____

2. A calculator does not use spaces between groups of three numbers. Write each number using spaces.




- a) 6493000 _____ b) 2976.21 _____
 c) 456138 _____ d) 34896.111 _____
 e) 628476941 _____ f) 48936.5 _____
 g) 729386 _____ h) 26789314 _____

3. Write the total value of the underlined digit in each number.


- a) $2374.56 =$ three hundred _____
 b) $2891.6 =$ _____
 c) $2893 =$ _____
 d) $120\ 394 =$ _____
 e) $67.39 =$ nine hundredths _____
 f) $0.234 =$ _____
 g) $893.456 =$ _____
 h) $62.713 =$ _____
 i) $427\ 063 =$ _____
 j) $28\ 932 =$ _____
 k) $1\ 345\ 787 =$ _____

4. Write each number in standard form.

- a) two thousand eight hundred twelve = 2812
- b) three thousand six hundred = _____
- c) seventy-three million = _____
- d) four hundred thirty-three = _____
- e) five hundred forty-five thousand = _____
- f) two thousand three hundred forty = _____
- g) seventy and forty-three hundredths = 70.43
- h) thirty-eight and fifty-seven hundredths = _____
- i) two hundred and eighteen hundredths = _____
- j) seven tenths = _____
- k) eight and sixty-eight thousandths = _____



Expanded Form



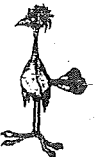
Standard Form

Example 1: $3000 + 400 + 80 + 6 = 3486$
 $(3 \times 1000) + (4 \times 100) + (8 \times 10) + (6 \times 1) = 3486$

Example 2: $(6 \times 100) + (4 \times 10) + (2 \times 1) + (6 \times 0.01) = 642.06$

5. Write in standard form.

- a) $3000 + 400 + 80 + 6 =$ _____
- b) $7000 + 800 + 90 + 3 =$ _____
- c) $60\ 000 + 4000 + 900 + 30 + 2 =$ _____
- d) $(9 \times 1000) + (5 \times 100) + (7 \times 10) =$ _____
- e) $(5 \times 10\ 000) + (2 \times 1000) + (3 \times 100) + (6 \times 10) + (9 \times 1) =$ _____
- f) $(8 \times 1) + (6 \times 0.1) + (9 \times 0.01) =$ _____



g) $(3 \times 10) + (4 \times 0.1) + (2 \times 0.01) + (9 \times 0.001) =$ _____

h) $400 + 20 + 3 + 0.5 + 0.07 =$ _____

i) $(5 \times 1000) + (6 \times 100) + (4 \times 10) + (3 \times 1) + (2 \times 0.1) =$ _____

6. Write in expanded form.

a) $567 =$ _____

b) $2400 =$ _____

c) $82\,391 =$ _____

d) $382\,034 =$ _____

e) $716\,948 =$ _____

f) $7.29 =$ _____

g) $45.364 =$ _____

h) $82.034 =$ _____

i) $398.2 =$ _____

j) $4782.91 =$ _____



Problems and Applications

7. Write each number in words.

a) A painting sold for \$39 987.

b) Canada has at least 1 000 000 hockey fans. _____

c) Susan had 1257 baseball cards.

d) There are 3 175 286 different kinds of beetles in the world.

e) A total of 57 642 fans attended the soccer game.
