



PUBLIC SCHOOL DARBHANGA

SESSION (2020-21)
CLASS-VI
MATHEMATICS
Topic : knowing your numbers
(answer key)

1. Fill in the blanks:

- (a) 1 lakh = ten thousand.
- (b) 1 million = hundred thousand.
- (c) 1 crore = ten lakh.
- (d) 1 crore = million.
- (e) 1 million = lakh.

Solutions:

- (a) 1 lakh = 10 ten thousand
= 1,00,000
- (b) 1 million = 10 hundred thousand
= 10,00,000
- (c) 1 crore = 10 ten lakh
= 1,00,00,000
- (d) 1 crore = 10 million
= 1,00,00,000
- (e) 1 million = 10 lakh
= 1,00,000

2. Place commas correctly and write the numerals:

- (a) Seventy three lakh seventy five thousand three hundred seven.
- (b) Nine crore five lakh forty one.
- (c) Seven crore fifty two lakh twenty one thousand three hundred two.
- (d) Fifty eight million four hundred twenty three thousand two hundred two.
- (e) Twenty three lakh thirty thousand ten.

Solutions:

- (a) The numeral of seventy three lakh seventy five thousand three hundred seven is 73,75,307
- (b) The numeral of nine crore five lakh forty one is 9,05,00,041
- (c) The numeral of seven crore fifty two lakh twenty one thousand three hundred two is 7,52,21,302
- (d) The numeral of fifty eight million four hundred twenty three thousand two hundred two is 5,84,23,202
- (e) The numeral of twenty three lakh thirty thousand ten is 23,30,010

3. Insert commas suitably and write the names according to Indian System of Numeration: (a) 87595762 (b) 8546283 (c) 99900046 (d) 98432701

Solutions:

- (a) 87595762 – Eight crore seventy five lakh ninety five thousand seven hundred sixty two
- (b) 8546283 – Eighty five lakh forty six thousand two hundred eighty three
- (c) 99900046 – Nine crore ninety nine lakh forty six
- (d) 98432701 – Nine crore eighty four lakh thirty two thousand seven hundred one

4. Insert commas suitably and write the names according to International System of Numeration: (a) 78921092 (b) 7452283 (c) 99985102 (d) 48049831

Solutions:

- (a) 78921092 – Seventy eight million nine hundred twenty one thousand ninety two
(b) 7452283 – Seven million four hundred fifty-two thousand two hundred eighty three
(c) 99985102 – Ninety-nine million nine hundred eighty five thousand one hundred two
(d) 48049831 – Forty-eight million forty-nine thousand eight hundred thirty-one

5. Estimate each of the following using general rule:

- (a) 730 + 998 (b) 796 - 314 (c) 12904 + 2888 (d) 28292 - 21496**

Make ten more such examples of addition, subtraction and estimation of their outcome. Solutions:

(a) $730 + 998$

Round off to
hundreds 730
is rounds off
to 700

998 is rounds off to 1000

Hence, $730 + 998 = 700 + 1000 = 1700$

(b) $796 - 314$

Round off to
hundreds 796
is rounds off
to 800

314 is rounds off to 300

Hence, $796 - 314 = 800 - 300 = 500$

(c) $12904 + 2888$

Round off to
thousands 12904
is rounds off to
13000

2888 is rounds off to 3000

Hence, $12904 + 2888 = 13000 + 3000 = 16000$

(d) $28292 - 21496$

Round off to thousands

28292 is round off to
28000

21496 is round off to 21000

Hence, $28292 - 21496 = 28000 - 21000 = 7000$

Ten more such examples are

(i) $330 + 280 = 300 + 300 = 600$

(ii) $3937 + 5990 = 4000 + 6000 = 10000$

(iii) $6392 - 3772 = 6000 - 4000 = 2000$

(iv) $5440 - 2972 = 5000 - 3000 = 2000$

(v) $2175 + 1206 = 2000 + 1000 = 3000$

- (vi) $1110 - 1292 = 1000 - 1000 = 0$
 (vii) $910 + 575 = 900 + 600 = 1500$
 (viii) $6400 - 4900 = 6000 - 5000 = 1000$
 (ix) $3731 + 1300 = 4000 + 1000 = 5000$
 (x) $6485 - 4319 = 6000 - 4000 = 2000$

6 .Give a rough estimate (by rounding off to nearest hundreds) and also a closer estimate (by rounding off to nearest tens):

- (a) $439 + 334 + 4317$ (b) $108734 - 47599$ (c) $8325 - 491$ (d) $489348 - 48365$**

Solutions:

- (a) $439 + 334 + 4317$
 Rounding off to nearest hundreds
 $439 + 334 + 4317 = 400 + 300 + 4300$
 $= 5000$
 Rounding off to nearest tens
 $439 + 334 + 4317 = 440 + 330 + 4320$
 $= 5090$
- (b) $108734 - 47599$
 Rounding off to nearest hundreds $108734 - 47599 = 108700 - 47600$
 $= 61100$
 Rounding off to nearest tens $108734 - 47599 = 108730 - 47600$
 $= 61130$
- (c) $8325 - 491$
 Rounding off to nearest hundreds $8325 - 491 = 8300 - 500$
 $= 7800$
 Rounding off to nearest tens $8325 - 491 = 8330 - 490$
 $= 7840$
- (d) $489348 - 48365$
 Rounding off to nearest hundreds $489348 - 48365 = 489300 - 48400$

$$= 440900$$

Rounding off to nearest

$$\text{tens } 489348 - 48365 =$$

$$489350 - 48370$$

$$= 440980$$