Exercise 1.6

Q.1 Round off each of the following numbers to nearest tens:

(i) 84 (ii) 98 (iii) 984 (iv) 808 (v) 998

(vi) 12096 (vii) 10,908 (viii) 28925

Sol: (i) 80 (ii) 100 (iii) 980 (iv) 810

(v) 1000 (vi) 12100 (vii) 10,910 (viii) 28,930

Q.2 Round off each of the following numbers to nearest hundreds.

(i) 3,985 (ii) 7,289 (iii) 8,074 (iv) 14,627

(v) 28,826 (vi) 4,20,387 (vii) 43,68,973

(viii) 7,42,898

Solution: (i) 4000 (ii) 7300 (iii) 8100 (iv) 14600

(v) 28,800 (vi) 4,20,400 (vii) 43,69,000

(viii) 7,42,900

Q.3 Round off each of the following to the nearest thousands:

(i) 2401 (ii) 9600 (iii) 4278 (iv) 7832

(v) 9567 (vi) 26019 (vii) 20963, (viii) 4,36,952

Sol: (i) 2,000 (ii) 10,000 (iii) 4,000

(iv) 8,000 (v) 10,000 (vi) 26,000

(vii) 21,000 (viii) 4,37,000

Q.4 Round off each of the following to the nearest tens, hundreds and thousands:

(i) 964 (ii) 1049 (iii) 45634 (iv) 79,085

Solution (i) 964

nearest tens = 960

nearest hundreds = 1,000

nearest thousands = 1,000

(ii) 1049 → nearest tens = 1,050

nearest hundreds = 1000.

nearest thousands = 1000

(iii) 45634 → nearest tens = 45630

nearest hundreds = 45600

nearest thousands = 46,000

(iv) 79,085 → nearest tens = 79,090

nearest hundreds = 79,100

nearest thousands = 79,000

Q5 Round off the following measures to the nearest hundreds

(i) Rs 666 (ii) Rs. 850 (iii) Rs 3,428 (iv) Rs. 9,080

(v) 1,265 km (vi) 417 m (vii) 550 cm (viii) 2,486 m

(ix) 360 gm (x) 940 kg (xi) 273 l. (xii) 820 mg

Solution: (i) Rs. 700 (ii) Rs. 900 (iii) Rs 3,400

(iv) Rs. 9100 (v) 1,300 Km (vi) 400 m

(vii) 600 cm (viii) 2,500 m (ix) 400 gm

(x) 900 kg (xi) 300 l (xii) 800 mg

Q6 List all numbers which are rounded off to nearest ten as 370.

Solution: The list of numbers are

365, 366, 367, 368, 369, 370, 371, 372, 373, 374

Q7 Find the smallest and greatest numbers which are rounded off to the nearest hundreds as 900.

solution: Smallest number is 850

greatest number is 949.

Q8 Find the Smallest and greatest numbers which are rounded off to the nearest thousands as 9000.

Sol: Smallest number = 8,500

greatest number = 9,499