Esercizi sulla conversione di base

Per ciascuno dei seguenti numeri determina la rappresentazione nella base *b* a fianco indicata:

1) $0{,}55_{(10)}$ b = 2 [R. $0.10\overline{0011}_{(2)}$]

2) $0{,}175_{(10)}$ b = 2 [R. $0.001\overline{0110}_{(2)}$]

3) $18{,}15_{(10)}$ b = 2 [R. $10010.00\overline{1001}_{(2)}$]

4) $177{,}28_{(10)}$ b = 2 [R. $10110001.\overline{01000111101011100001}_{(2)}$]

5) $0{,}6_{(10)}$ b = 8 [R. $0.\overline{4631}_{(8)}$]

6) $7.2_{(8)}$ b = 10 [R. $7{,}25_{(10)}$]

7) $155.14_{(8)}$ b = 10 [R. $109{,}1875_{(10)}$]

8) $162{,}11_{(10)}$ b = 6 [R. $430.03\overline{54320}_{(6)}$]

9) $110010_{(2)}$ b = 6 [R. $122_{(6)}$]

10) $14423_{(5)}$ b = 2 [R. $10011010110_{(2)}$]

11) $17643_{(8)}$ b = 16 [R. $1FA3_{(16)}$]

12) $11010.011_{(2)}$ b = 9 [R. $28.\overline{3}_{(9)}$]

13) $2F.B_{(16)}$ b = 8 [R. $57.54_{(8)}$]