



Practice Problems

1. Convert 17 to base five
2. Convert 890 to base three
3. Convert 642_{seven} to base ten
4. Convert 10011_{two} to base ten
5. Convert 587_{nine} to base six
6. Convert 210_{three} to base eight
7. Convert 45 to base sixteen
8. Convert 97,093 to base sixteen

Solutions

1. 32_{five}
2. 1012222_{three}
3. 324
4. 19
5. 2124_{six} ($484_{\text{ten}} \rightarrow 2124_{\text{six}}$)
6. 25_{eight} ($21_{\text{ten}} \rightarrow 25_{\text{eight}}$)
7. $2D_{\text{sixteen}}$
8. $17B45_{\text{sixteen}}$