

Convert following to base 10

**Make sure to show all your work.
No Calculator Allowed.**

1. 2345_8 _____
2. 1101101_2 _____
3. 10011_8 _____
4. $23A_{16}$ _____
5. 175_8 _____
6. FF_{16} _____
7. $A7_{16}$ _____
8. $F0D_{16}$ _____
9. 778_8 _____
10. 1165_8 _____
11. 3745_8 _____
12. 4512_8 _____
13. 512_8 _____
14. 234_{16} _____
15. 11101_2 _____
16. $1DE_{16}$ _____
17. 722_8 _____
18. 722_{16} _____
19. 101_{16} _____
20. 10101010_2 _____