Convert following to the corresponding base

Show work on a separate sheet.

1. 2345_8 _____ $_{16}$ _____ $_2$

2. 11101101_2 _____ $_8$ _____ $_{16}$

3. 10011_8 _____ $_2$ _____ $_{16}$

4. $123A_{16}$ _____ $_2$ _____ $_8$

5. 175_8 _____ $_2$ _____ $_{16}$

6. FF_{16} _____ $_8$ _____ $_{16}$

7. $9A7_{16}$ _____ $_2$ _____ $_8$

8. $F0D_{16}$ _____ $_8$ _____ $_2$

9. 3478_8 _____ $_2$ _____ $_{16}$

10. 2048_8 _____ $_{16}$ _____ $_2$

11. 3745_8 _____ $_2$ _____ $_{16}$

12. 4098_8 _____ $_{16}$ _____ $_2$

13. 512_8 _____ $_2$ _____ $_{16}$

14. 234_{16} _____ $_2$ _____ $_8$

15. 101111101_2 _____ $_{16}$ _____ $_8$

16. $C0DE_{16}$ _____ $_2$ _____ $_8$

17. 722_8 _____ $_2$ _____ $_{16}$

18. 222_{16} _____ $_8$ _____ $_2$

19. 1111_{16} _____ $_2$ _____ $_8$

20. 1010101010_2 _____ $_8$ _____ $_{16}$