

Show & label all work on additional page if necessary.

**YOU WILL NOT RECEIVE ANY CREDIT FOR CORRECT ANSWERS
WITHOUT EVIDENCE OF SCRATCHWORK.**

Convert the following decimal (base 10) numbers to binary (base 2):

1. $45 =$

4. $1023 =$

2. $99 =$

5. $68 =$

3. $346 =$

6. $128 =$

Convert the following decimal numbers to octal (base 8):

7. $145 =$

10. $92 =$

8. $1023 =$

11. $64 =$

9. $345 =$

12. $9 =$

Convert the following decimal numbers to hexadecimal (base 16):

13. $1025 =$

16. $90544 =$

14. $22 =$

17. $444 =$

15. $2876 =$

18. $1023 =$