

Math Sheet

Name _____ Score _____ / 16 Teacher _____ Date _____

Decimal and Binary Conversion

Convert each number to the requested base.

Decimal to target base

1. **10**₁₀
- _____
- 2
2. **0**₁₀
- _____
- 2
3. **12**₁₀
- _____
- 2
4. **5**₁₀
- _____
- 2
5. **9**₁₀
- _____
- 2
6. **15**₁₀
- _____
- 2
7. **8**₁₀
- _____
- 2
8. **11**₁₀
- _____
- 2

Target base to decimal

9. **1000**₂
- _____
- 10
10. **11**₂
- _____
- 10
11. **1100**₂
- _____
- 10
12. **111**₂
- _____
- 10
13. **0**₂
- _____
- 10
14. **1101**₂
- _____
- 10
15. **1010**₂
- _____
- 10
16. **1111**₂
- _____
- 10