

Read

Symbolically Write Guidelines,
which is posted both on the homework page and handout page for your convenience.

Exercise. A variant of Exercise 3.2.1c,d.

§3.2
p112

Theorem 1c. The integer n is even if and only if n^3 is even.

Theorem 1d. The integer n is odd if and only if n^3 is odd.

a. Symbolically write Theorem 1c.

cut this out and put your solution here

b. Prove Theorem 1c. You may use any result in §1.3 (Ch. 1 Summary p. 31-32) and/or the definition of even/odd.

Proof. cut this out and put your solution here



c. Symbolically write Theorem 1d.

cut this out and put your solution here

b. Prove Theorem 1d. You may use Theorem 1c.

Proof. cut this out and put your solution here

