

Math 70 - Quiz 5 Sections 4.2 - 4.4, Friday February 22nd

Simplify and write each variable as an expression with positive exponents:

1). $(\frac{4^3}{4})^{-5}$

2). $\frac{(t^3+15)^2}{(t^3+15)^5}$

3). $\frac{a^6b^{-2}c}{(ab^2)^{-1}}$

4). Change the following units

(note: $1ft = 30.5cm = 0.30m$ and $1inch = 2.5cm$)

a). 500 ft to meters

b). $10\frac{cm}{min}$ to $\frac{inch}{sec}$