

April 8, 2007

Homework sheet 6 (**Factorization and power number**)

Name:

Question 1. Factorize 126, 315.**Question 2.** simplify

$$12^3 \cdot 12^4 = \quad ; \quad 12^3 \cdot 7^2 \cdot 12^4 \cdot 7^4 \cdot 12^4 = \quad .$$

Question 3. Simplify

$$12^4 \div 12^2 = \quad ; \quad 12^2 \cdot 6^{-2} = \quad .$$