*Objective:

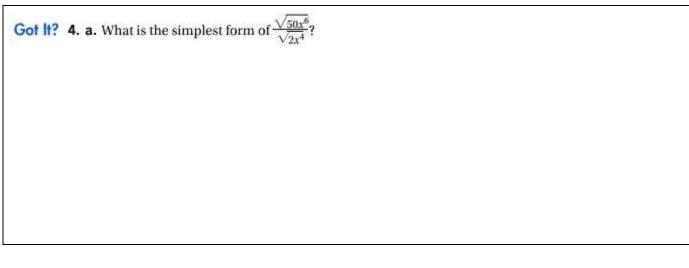
*Combining Radical Expressions: Products

Got lt? 1. Can you simplify the product of the radical expressions? Explain. a. $\sqrt[4]{7} \cdot \sqrt[5]{7}$ b. $\sqrt[5]{-5} \cdot \sqrt[5]{-2}$

Got lt? 2. What is the simplest form of $\sqrt[3]{128x^7}$?

Got lt? 3. What is the simplest form of $\sqrt{45x^5y^3} \cdot \sqrt{35xy^4}$?

*Combining Radical Expressions: Quotients



*rationalize the denominator (with example):

Got lt? 5. a. What is the simplest form of
$$\frac{\sqrt[3]{7x}}{\sqrt[3]{5y^2}}$$
?

Inclass: p. 371 #16, 26, 32, 42, 46 Homework: p. 371 #11-51(odd)

Interactmath: #10, 11, 15, 17, 21, 25, 29, 31, 37, 39, 47