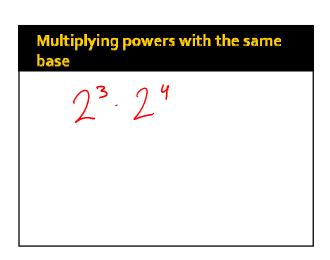
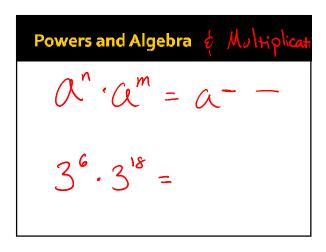
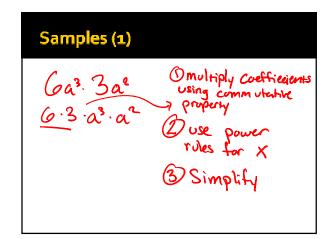
Lesson 4-7 Exponents and Multiplication

• Repeated Multiplication 72.73







Finding a Power of a power

 $(7^2)^2$ (7^2) is used as a base 3 times

Powers of a power in algebra

So,
$$(a^m)^n = a^{mn}$$

 $b^2 \cdot b^6 = b^{246} = b^8$

Samples of power of a power

$$(2^4)^2 = (c^5)^4 =$$

Samples of power of a power

PRACTICE AND HW

- PB 4-7
- HW Page 4-7 10-48 even