

C12 - 7.2 - Separate/Factoring/Solving Exponents Notes

Solve for x

$$4^{x+1} - 5(2^{x+2}) + 16 = 0$$

$$6^x - 4(3^x) - 3(2^x) + 12 = 0$$

$$x=0,2$$

$$x=1,2$$

$$(2^x)^2 - 4 = 0$$

$$(3^x)^2 - 6(3^x) + 9 = 0$$

$$x=1$$

$$=1$$