

Chapter 8 Level 4 Examples

A.SSE.1a—Interpret parts of expressions

Write a trinomial with $3a^2b^4$ as the GCF of its terms. EXPLAIN how you found your answer!!

A.APR.1—Operations with polynomials

What is the surface area of a cylinder with a radius $(x + 7)$ and height $(x + 4)$? Write your answer as a simplified polynomial in terms of π .

A.SSE.2—Factoring polynomials

Factor completely: $12x^4 + 12x^3 - 27x^2 - 27x$