Area – Consumer and Family Resources
Problem – Health Insurance

Standards
SD FACS Standard
FCS 7.3.3
Apply management principles to decisions about individual and family insurance.

SD Mathematics Standards
Math 8.N.3.1
Use various strategies to solve multi-step problems involving rational numbers.
Math 9-12.N.2.1
Add, subtract, multiply, and divide real numbers including integral exponents.

Problem
Chad Strong broke his leg in a skiing accident. He has a group health insurance plan at work that pays an 80%/20% after meeting the $1000 deductible. Chad has received the following bills that are related to his accident.

Ambulance call	$100	Laboratory work	$270
Emergency room charge	$1500	2-day hospital stay	$2100
Surgeon's fees	$650	Pharmacy fees	$135
Surgery suite and operating room fees	$1200	Follow up Dr. visits and recasting	$150
Radiologist's fees	$120	Physical therapy	$650

How much will Chad have to pay for this accident if he already has $120 charged towards his deductible from previous medical expenses? Show your work.

What will you need?
Calculator
Answer Key

How will you be evaluated?
Key with correct answers