MAT.HS.CR.2.0AREI.A.032

Sample Item ID:	MAT.HS.CR.2.0AREI.A.032
Grade:	HS
Primary Claim:	**Claim 2: Problem Solving** Students can solve a range of well-posed problems in pure and applied mathematics, making productive use of knowledge and problem-solving strategies.
Secondary Claim(s):	Claim 1: Concepts and Procedures Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.
Primary Content Domain:	Algebra
Secondary Content Domain(s):	
Assessment Target(s):	2 A: Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. 2 C: Interpret results in the context of a situation.
Standard(s):	A–REI.6
Mathematical Practice(s):	1, 7
DOK:	2
Item Type:	CR
Score Points:	1
Difficulty:	M
Key:	vegetarian: $7 and chicken: $8
Stimulus/Source:	
Target-specific attributes (e.g., accessibility issues):	
Notes:	

A restaurant serves a vegetarian and a chicken lunch special each day. Each vegetarian special is the same price. Each chicken special is the same price. However, the price of the vegetarian special is different from the price of the chicken special.

- On Thursday, the restaurant collected $467 selling 21 vegetarian specials and 40 chicken specials.

- On Friday, the restaurant collected $484 selling 28 vegetarian specials and 36 chicken specials.

What is the cost of each lunch special?

Vegetarian: _____

Chicken: _____

Key:

Correct responses to this item will receive 1 point.

1 point: vegetarian: $7 and chicken: $8