Explorations in Modern Mathematics

Fall 2014 Dr. Kracht

Circle one: 9:55 / 12:05

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	Quiz 6: Version A		
	Show your reasoning clearly for credit.		
L.	A round pizza is half cheese and half pepperoni. It costs \$7.20. George values pepperoni five times as much as cheese.		
	(a) Find the value of the cheese half of the pizza, according to George's value system. Round to the nearest cent.		
	(b) Find the value of the pepperoni half of the pizza, according to George's value system. Round to the nearest cent.		
	(c) Find the value of a 45° pepperoni slice of pizza, according to George's value system. Round to the nearest cent.		
	(d) Find the value of a $30^{\circ}$ cheese slice of pizza, according to George's value system. Round to the nearest cent.		

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Quiz 6: Version B		
Show your reasoning clearly for credit.		
1. A round pizza is half cheese and half pepperoni. It costs \$7.50. John values pepperoni four times as much as cheese		
(a) Find the value of the cheese half of the pizza, according to John's value system. Round to the nearest cent.		
(b) Find the value of the pepperoni half of the pizza, according to John's value system. Round to the nearest cen		
(c) Find the value of a 45° pepperoni slice of pizza, according to John's value system. Round to the nearest cen		
(d) Find the value of a 30° cheese slice of pizza, according to John's value system. Round to the nearest cent.		
(2) 1 m2 m2 m3		

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## Quiz 6: Version C

Quiz 0. Version C		
Show your reasoning clearly for credit.		
1. A round pizza is half cheese and half pepperoni. It costs \$9.00. Paul values pepperoni four times as much as cheese.		
(a) Find the value of the cheese half of the pizza, according to Paul's value system. Round to the nearest cent.		
(b) Find the value of the pepperoni half of the pizza, according to Paul's value system. Round to the nearest cent.		
(c) Find the value of a 45° pepperoni slice of pizza, according to Paul's value system. Round to the nearest cent.		
(c) This the value of a 15 pepperoin since of pizza, according to Taul's value system. Nouna to the hearest cent.		
(d) Find the value of a 30° cheese slice of pizza, according to Paul's value system. Round to the nearest cent.		

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Quiz 6: Version D		
Show your reasoning clearly for credit.		
1. A round pizza is half cheese and half pepperoni. It costs \$9.60. Ringo values pepperoni three times as much as cheese.		
(a) Find the value of the cheese half of the pizza, according to Ringo's value system. Round to the nearest cent.		
(b) Find the value of the pepperoni half of the pizza, according to Ringo's value system. Round to the nearest cent.		
(c) Find the value of a $45^{\circ}$ pepperoni slice of pizza, according to Ringo's value system. Round to the nearest cent.		

(d) Find the value of a 30° cheese slice of pizza, according to Ringo's value system. Round to the nearest cent.