

Stamp Collection Problem

Marco has a stamp collection. He added 15 stamps to his collection and now has 122 stamps. How many stamps did he have in the beginning?

Diagram and Equation Practice (Addition and Subtraction) (pp. 1 of 2)

Use the table below to help you solve the problem.

blem:	their favorite m	eal. How many students did not cho	ose
a survey, 245 students out of 532 chose pizza as	ulon lavollo III	<u></u>	
za? derstand the problem/plan:	•		
nat are you trying to find?		1 1	
hat do you know?			
nat do you know.			
agram: reate a diagram to model this problem. Use the I	etter p to repres	ent what you are trying to find.	
reate a diagram to model this problem. God the			
•	· ·		
• •			
Equation: Write an equation based on the diagram you hav	ve created.	•	
	· · ·		
Solve:			
	•		
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<i>y</i> • • •			

page 19 of 42 09/23/08 © 2008, TESCCC

Diagram and Equation Practice (Addition and Subtraction)

(pp. 1 of 2) **KEY**

Use the table below to help you solve the problem.

Problem:

In a survey, 245 students out of 532 chose pizza as their favorite meal. How many students did not choose pizza?

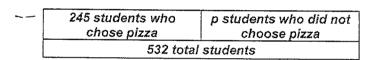
Understand the problem/plan:

What are you trying to find? the number of students who did not choose pizza

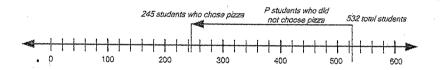
What do you know? the total number of students in the survey and the number of students who did choose pizza

Diagram:

Create a diagram to model this problem. Use the letter *p* to represent what you are trying to find. *Diagrams may vary, but could include:*



OR



Equation:

Write an equation based on the diagram you have created.

532 total students - 245 students who chose pizza = p students who did not choose pizza

Solve:

532 total students - 245 students who chose pizza = 287 students who did not choose pizza

5th Grade Mathematics Unit: 05 Lesson: 01

Diagram and Equation Practice (Addition and Subtraction) (pp. 2 of 2)

Use the table below to help you solve the problem.

Problem:	, .			
(assie scored 515 points on a video game.	Her sister scored 213 m	nore points than she	did on the same	9
game. How many points did Kassie's sister	score on the video gam	e:	· · · · · · · · · · · · · · · · · · ·	
Inderstand the problem/plan:	" /			
What are you trying to find?	•			
what are years, may be made				
Vhat do you know?		v -		
C				
Diagram:			(
Create a diagram to model this problem. U	se the letter c to represe	ent what you are try	ng to tina.	
			-	
		•		
Equation:		<u> </u>		
Write an equation based on the diagram y	ou have created.			
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Salve:				
Solve:				
Solve:	i			
Solve:	j			,
Solve:	i			
Solve:	,			
Solve:	,			
Solve:				

page 20 of 42 09/23/08 © 2008, TESCCC

5th Grade Mathematics Unit: 05 Lesson: 01

Diagram and Equation Practice (Addition and Subtraction) (pp. 2 of 2) KEY

Use the table below to help	you solve the problem.	
Problem: Kassie scored 515 points or	n a video game. Her sister so	cored 213 more points than she did on the same
game. How many points did	Massie's sister soore or mis	Video game:
Understand the problem/p	nan.	
	the number of points Kas	
What do you know? the top scored	tal number of points Kassi	e scored and how many more points her sister
Diagram: Create a diagram to model Diagrams may vary, but of	this problem. Use the letter could include:	c to represent what you are trying to find.
	515 points for Kassie	213 more points for Kassie's sister
	c total points fo	r Kassie's sister
OR ·		
Number line representin	g the same	
•		
Equation:	on the diagram you have cre	eated.
515 points for Ka	ssie + 213 more points sco	ored by her sister = c total points for her sister
d.		
Solve:		
545 noints for Kas	ssie + 213 more points sco	red by her sister = 728 total points for her sister
313 points for rec	•	