

Student Activity Book - Page 529

Name							Date				
Match U	Jp										
2. Whi from how	ch b n the r you	ouildi e pla u kno	ing g n to ow.	goes the	s wit mat	th which tching b	building plan? Draw a line uilding. Be ready to explain				
Plan 1			Bacl	<							
Left			5 5	5 5		Right					
		L	Fron	t		1	Building W				
Plan 2			Back	(]					
Left	3	3	3	3	3	Right					
	3	3	3	3	3	-					
	3	3	3 Fron	3	3]	Building X				
				•							
Plan 3			Back								
		3	3	3							
Left		3	3	3		Right					
		3	3	3							
			Fron		J	5					
			1011								

Student Activity Book - Page 530

I

*Answers and/or discussion are included in the lesson.

City Buildings (SAB pp. 529–530) Questions 1–2

I.* Building A: 40 cubic units Possible number sentences: 9 + 11 + 11 + 9 = 4036 + 4 = 4020 + 20 = 40

Building C: 18 cubic units Possible number sentences: 10 + 6 + 2 = 185 + 5 + 3 + 3 + 1 + 1 = 182 + 4 + 6 + 4 + 2 = 18

2. Plan 1, Building Y Building Y is the only building with columns that are 5 units tall.

Plan 2, Building X Building X from left to right is 5 units long and 3 units tall.

Plan 3, Building W Building W is 3 units from left to right and 3 units tall.

Answer Key • Lesson 4: Buildings and Plans

Building Detective (SAB pp. 531–534) Questions 1–3

I. A.* Buildings and building plans will vary. Possible building plan for Romesh's number sentence:



B.* The tallest column in this plan is 3 units.

- **C.*** 2 + 2 + 2 + 2 + 2 + 3 = 13 cubic units
- **2. A.*** Responses will vary. Possible building plan with same volume as Romesh's building:



B.* 4 + 4 + 3 + 2 = 13 cubic units



Student Activity Book - Page 531



Student Activity Book - Page 532

*Answers and/or discussion are included in the lesson.

	numbe	r. Write a nur	ne part nber se	of the period	plan. Find the n	nissing
		2	4	1		
		1	?	2		
bli shing Company						

- **3. A.** Missing number is 3; Number sentences will vary. Possible number sentence: 2+4+1+1+3+2=13 cubic units
 - **B.** Possible response: I know the volume is 13 cubic units, so I started with 13 and subtracted the values that were listed on the building plan. 13 - 2 = 11; 11 - 4 = 7; 7 - 1 = 6; 6 - 1 = 5; 5 - 2 = 3, so I know that 3 is the missing value.





