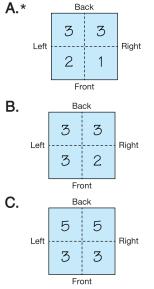
Student Activity Book

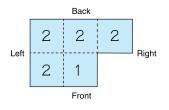
Building Problems (SAB p. 535) Questions 1–2

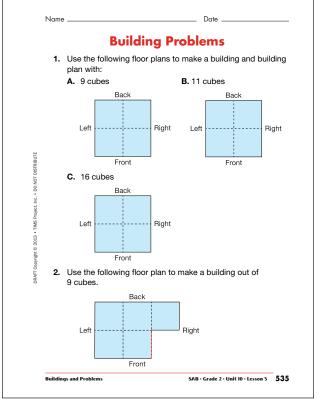
1. For Questions A–C, buildings and building plans will vary but there should be at least 1 cube in each square.

Possible building plans for each:



2. Buildings and floor plans will vary. There should be at least 1 cube in each square. Possible building plan:

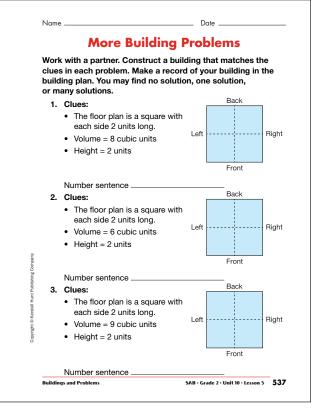




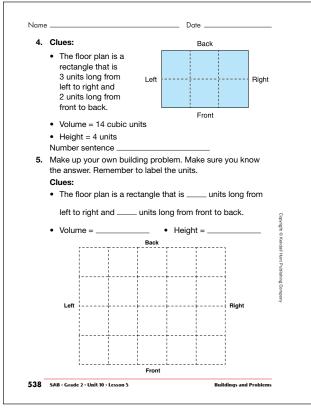
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*Answers and/or discussion are included in the lesson.

I

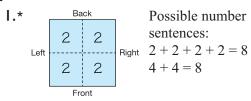


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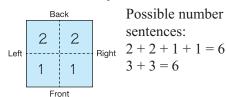




*Answers and/or discussion are included in the lesson.

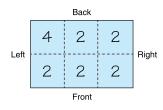


2.* Solutions will vary but could include:



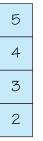
3.* There is no solution.

4.* Solutions will vary but could include:



Possible number sentences: 4 + 2 + 2 + 2 + 2 + 2 = 146 + 4 + 4 = 148 + 6 = 14

5. Building problems will vary. Possible response:

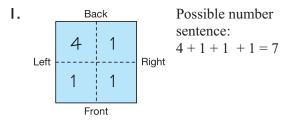


1 unit long from left to right and 4 units long from front to back.

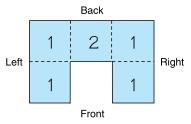
Volume = 14 cubic units

Height = 5 units

Give Me a Clue (SAB pp. 539–540) Questions 1–5



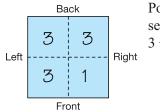
2. Possible solution:



Possible number sentence:

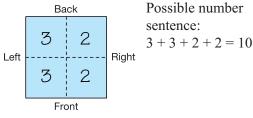
$$1 + 1 + 2 + 1 + 1 = 6$$

3.* Possible solution:

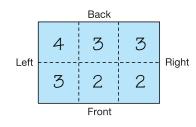


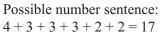
Possible number sentence: 3+3+3+1=10

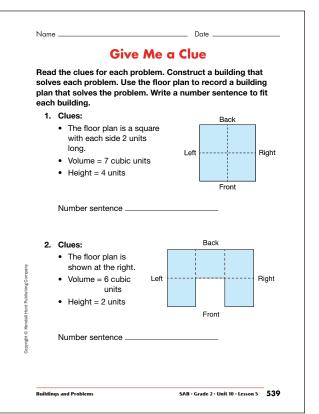
4. Possible solution:

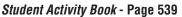


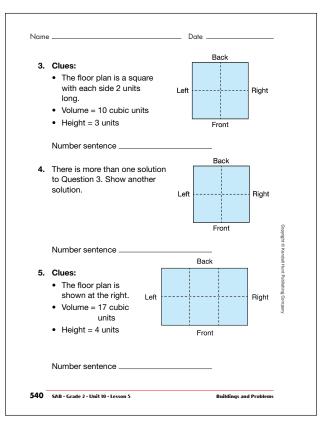
5.* Possible solution:



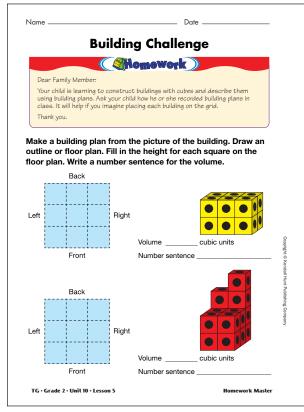








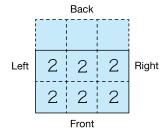
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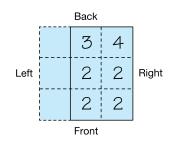
Teacher Guide

Building Challenge (TG) Homework



Volume 12 cubic units

Possible number sentence: 2 + 2 + 2 + 2 + 2 + 2 = 12



Volume 15 cubic units

Possible number sentence: 2 + 2 + 3 + 2 + 2 + 4 = 15