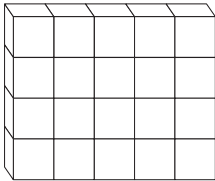


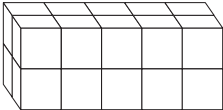
Name _____ Date _____

Skip Count and Add

Find the volume of each shape. Write number sentences to show how you grouped the cubes.



1. Volume: _____
Number Sentence: _____



2. Volume: _____
Number Sentence: _____

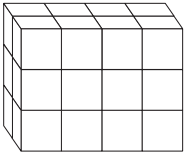
3. How are the shapes in Questions 1 and 2 the same?

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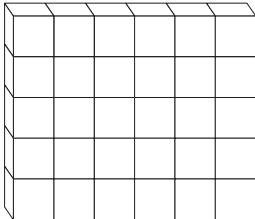
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Name _____ Date _____



4. Volume: _____
Number Sentence: _____



5. Volume: _____
Number Sentence: _____

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

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Skip Count and Add (SAB pp. 441–442)

Questions 1–5

1.* 20 cubic units

Possible number sentences:

$$4 + 4 + 4 + 4 + 4 = 20;$$

$$5 + 5 + 5 + 5 = 20;$$

$$10 + 10 = 20$$

2.* 20 cubic units

Possible number sentences:

$$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 20;$$

$$10 + 10 = 20;$$

$$4 + 4 + 4 + 4 + 4 = 20;$$

$$5 + 5 + 5 + 5 = 20$$

3. Both shapes have the same volume.

4.* 24 cubic units

Possible number sentences:

$$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 24;$$

$$4 + 4 + 4 + 4 + 4 + 4 = 24;$$

$$8 + 8 + 8 = 24,$$

$$12 + 12 = 24;$$

$$6 + 6 + 6 + 6 = 24$$

5. 30 cubic units

Possible number sentences:

$$5 + 5 + 5 + 5 + 5 + 5 = 30;$$

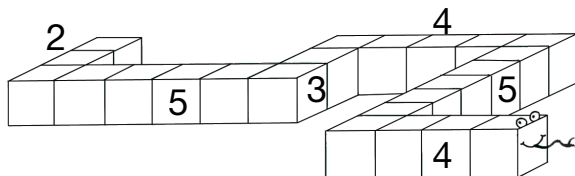
$$6 + 6 + 6 + 6 + 6 = 30;$$

$$10 + 10 + 10 = 30$$

Compare Ruffy and the Snake
(SAB pp. 443–444)

Questions 1–4

1. Responses will vary.
2. **A.** 23 cubic units
B. Answer will vary. Possible responses. I counted all of the cubes and got 23. I divided the snake into small rectangles and then added them together.



$$4 + 5 + 4 + 3 + 5 + 2 = 23$$

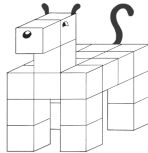
3. **A.** 23 cubic units
B. Answers will vary. Possible response. First I counted all of the legs by 2 and added. $2 + 2 + 2 + 2 = 8$, then I counted cubes on the body. There are 3 rows with 4 cubes in each so I added $4 + 4 + 4 = 12$. Then I counted the 3 cubes for the head. I added all my cubes together $8 + 12 + 3 = 23$.
4. **A.** Possible response: Both Ruffy and the snake have the same volume of 23 cubic units.
B. The snake is long but is only 1 cube tall. Ruffy is only 4 cubes wide but he is taller because at his head he is 5 cubes tall.

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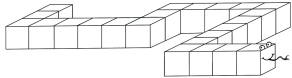
Name _____ Date _____

Compare Ruffy and the Snake

Ruffy and the snake are made from cubic units.



Ruffy



The Snake

1. Look at the pictures of Ruffy and the snake. Which one has a larger volume? Explain your thinking.
2. Use connecting cubes to build a model of the snake.
 - A.** The snake has a volume of _____
 - B.** Show or tell how you found your answer.

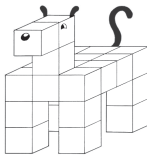
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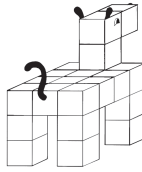
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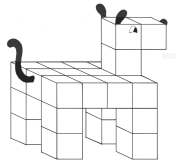
3. Build a cube model of Ruffy. Look at the different views.



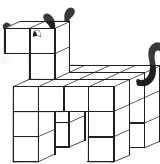
Front



Back



Side 1



Side 2

- A.** Ruffy has a volume of _____
- B.** Show or tell how you found your answer.

4. **A.** How are Ruffy and the snake the same?
B. How are they different?

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