

Word Problems

Solve each word problem. Show your thinking.

- a. Chairs are \$2 each to rent. Tables are \$3 each. Each person needs a chair and 5 chairs fit each table. The cleaning fee is \$15. What rule could you use to calculate the total cost for renting any number of chairs?
- b. Archie wrote four numbers. He then multiplied each number by itself and recorded the products. What type of numbers are the products?

- _____
- d. Mr. Benally leaves for work at 6:30 a.m. His trip takes 45 minutes. He is at work until 4:00 p.m. and then travels

from home?

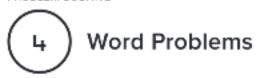
50 minutes home. How long is he away

c. Alisa drew a repeating shape pattern. In each part, she drew one red circle, one blue square, and two green circles. What color and shape is the 43rd shape in her pattern?

- hours and minutes
- e. Franco swam 2 laps of a pool in 1 minute and 14 seconds. This was 57 seconds faster than Victoria, who came last.
 What was Victoria's race time?
- f. For lunch, Jayden buys a soda for \$2.74 and a burger for \$4.25. He has \$3.96 left. How much money did he have before lunch?

minutes _____seconds

\$_____



Answers will vary.

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- a. Chairs are \$2 each to rent. Tables are \$3 each. Each person needs a chair and 5 chairs fit each table. The cleaning fee is \$15. What rule could you use to calculate the total cost for renting any number of chairs?
- b. Archie wrote four numbers. He then multiplied each number by itself and recorded the products. What type of numbers are the products?
- 8

Number of people × \$2 + \$15

Square numbers

- c. Alisa drew a repeating shape pattern. In each part, she drew one red circle, one blue square, and two green circles. What color and shape is the 43rd shape in her pattern?
- d. Mr. Benally leaves for work at 6:30 a.m. His trip takes 45 minutes. He is at work until 4:00 p.m. and then travels 50 minutes home. How long is he away from home?
- 8

Blue square

10 hours and 20 minutes

- e. Franco swam 2 laps of a pool in 1 minute f. and 14 seconds. This was 57 seconds faster than Victoria, who came last.

 What was Victoria's race time?
- f. For lunch, Jayden buys a soda for \$2.74 and a burger for \$4.25. He has \$3.96 left. How much money did he have before lunch?

#

8

2 minutes | | seconds

\$ 10.95