

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?

- 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?

- 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?

* 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?



Number of people \times \$2 + \$15

- b. Archie wrote four numbers. He then multiplied each number by itself and recorded the products. What type of numbers are the products?



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?



Blue square

- 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?



10

hours and

20

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?



2

minutes

11

seconds

- 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?



\$

10.95