

 $\ \, \bigoplus \,$ Let p be the number of pairs of socks Omar buys. Write an inequality that represents the situation.

 $4p - 5 \le 25$

i-Ready

ullet Solve the inequality $4p-5\leq 25$.

 $p \leq 7.5$

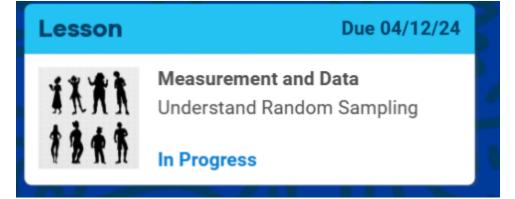
- Complete the sentence.
- Omar can buy at most 7 pairs of socks.

0

- \blacksquare Eight less than a number, n, is at least 10.
- Which inequality represents this statement?

$$n-8 \ge 10$$





Understand Random Sampling — Quiz — Level G **\$**i-Ready 4) Aaron is president of the video game club at Central Middle School. For a school project, he needs to find out the number of years a typical member of the club has been playing video games. Which group describes the population for Aaron's project? All students in the video game club Which method will give Aaron a sample of the population? Survey students who joined the video game club in September.

Sadie wants to know how well food and drinks sell at a baseball game. She plans to survey a representative sample of fans at the game.

(ii) Which method is most likely to give Sadie a representative sample of fans at the game?

Survey all fans whose ticket number ends in 3 or 7.





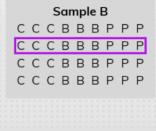




Jamar's garden has carrots (C), beets (B), and potatoes (P). The vegetables are planted in rows.

He wants to choose a sample of the plants to check for pests.

Which sample is most representative of the population?

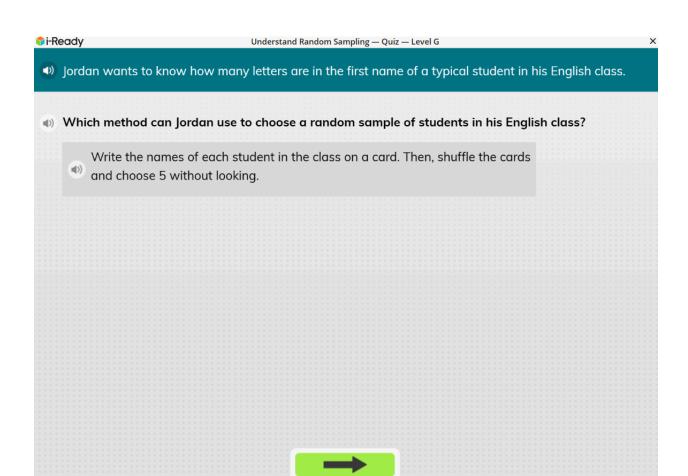












- •) Students at Valley Middle School have five choices for a new mascot. A teacher surveys a random sample of 50 students to see which mascot they will choose. The results are shown in the table.
- Which claim is most strongly supported by the data?

About the same number of students at the school will vote for a bear as for a lion.

Mascot	Number of Votes
Tiger	10
Bear	15
Lion	14
Cougar	5
Shark	6



NEXT LESSON





i-Ready Solve Percent Problems, Part 1 — Quiz — Level G • Gina is shopping for a new bicycle. The price of the bicycle is \$300 and there is an 8% sales tax. Gina wants to know the total price of the bicycle including sales tax. Which table represents the situation? Total Price ? Price Before Tax Sales Tax \$300.00 8%

 A mattress store is having a sale. All mattresses are 30% off. Nate wants to know the sale price of a mattress that is regularly \$1,000. Which table represents the situation? Regular Price \$1,000 Sale Price Discount ? 30% $| \langle | \rangle$

- •) Maeve is buying lunch for her friends at a restaurant. The bill is \$40, and she wants to leave a 15% tip.
- \blacksquare Let p equal the total amount Maeve pays. Which equation can you use to find p?

$$p = 40 + 0.15(40)$$

 \blacksquare Solve the equation for p.

$$p = 40 + 0.15(40)$$

$$= 40 + 6$$

$$= 46$$



i-Ready Solve Percent Problems, Part 1 — Quiz — Level G • Gina is shopping for a new bicycle. The price of the bicycle is \$300 and there is an 8% sales tax. Gina wants to know the total price of the bicycle including sales tax. Which table represents the situation? Total Price ? Price Before Tax Sales Tax \$300.00 8%

- A mattress store is having a sale. All mattresses are 30% off. Nate wants to know the sale price of a mattress that is regularly \$1,000.
- What is the sale price of the mattress? Enter the amount in the table.



Resume Lesson

Lina's purchase

4 tickets and 1 fee

100

4x + 8 = 100