

Name _____

Use Picture Graphs

COMMON CORE STANDARD CC.3.MD.3

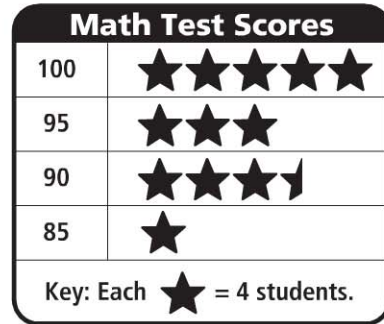
Represent and interpret data.

Use the Math Test Scores picture graph for 1–7.

Mrs. Perez made a picture graph of her students' scores on a math test.

1. How many students scored 100? How can you find the answer?

To find the number of students who scored 100, count each star as 4 students. So, 20 students scored 100.



2. What does ★ stand for?

3. How many students in all scored 100 or 95?

4. How many more students scored 90 than 85?

5. How many students in all took the test?

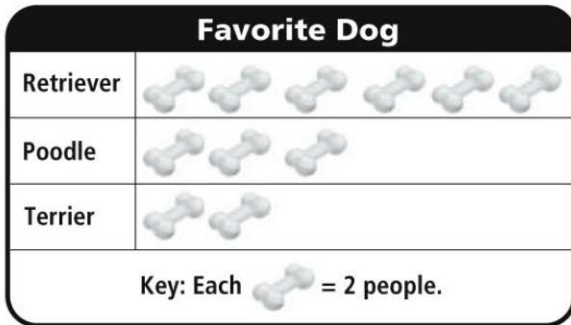
Problem Solving REAL WORLD

6. Suppose the students who scored 85 and 90 on the math test take the test again and score 95. How many stars would you have to add to the picture graph next to 95?

7. If 2 more students took the math test and both made a score of 80, what would the picture graph look like?

Lesson Check (CC.3.MD.3)

1. Karen asked her friends to name their favorite type of dog.



How many people chose poodles?

- (A) 10 (C) 4
(B) 6 (D) 3

2. Henry made a picture graph to show what topping people like on their pizza. This is his key.

Each = 6 people.

What does stand for?

- (A) 2 people
(B) 6 people
(C) 9 people
(D) 12 people

Spiral Review (CC.3.NBT.1)

3. Estimate the sum. (Lesson 1.3)

$$\begin{array}{r} 523 \\ + 295 \\ \hline \end{array}$$

- (A) 900 (C) 700
(B) 800 (D) 600

4. Estimate the difference. (Lesson 1.8)

$$\begin{array}{r} 610 \\ - 187 \\ \hline \end{array}$$

- (A) 800 (C) 500
(B) 600 (D) 400

5. What is 871 rounded to the nearest ten? (Lesson 1.2)

- (A) 900
(B) 880
(C) 870
(D) 800

6. What is 473 rounded to the nearest hundred? (Lesson 1.2)

- (A) 400
(B) 470
(C) 500
(D) 570