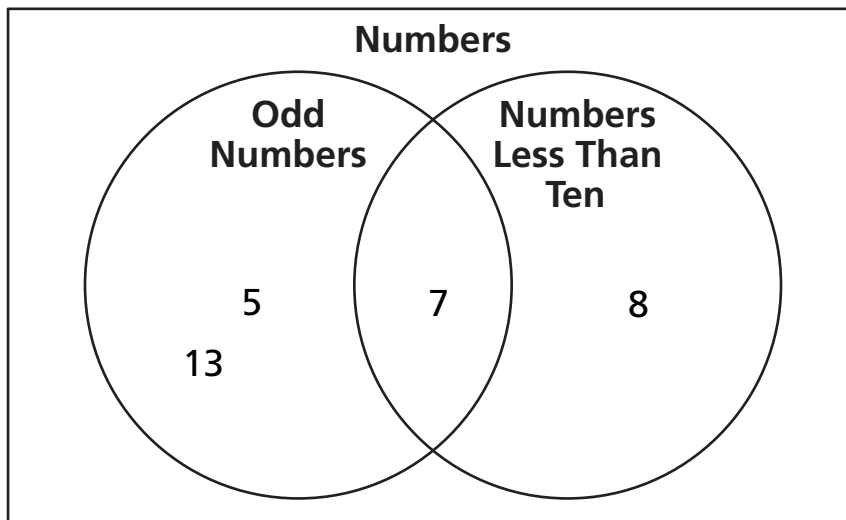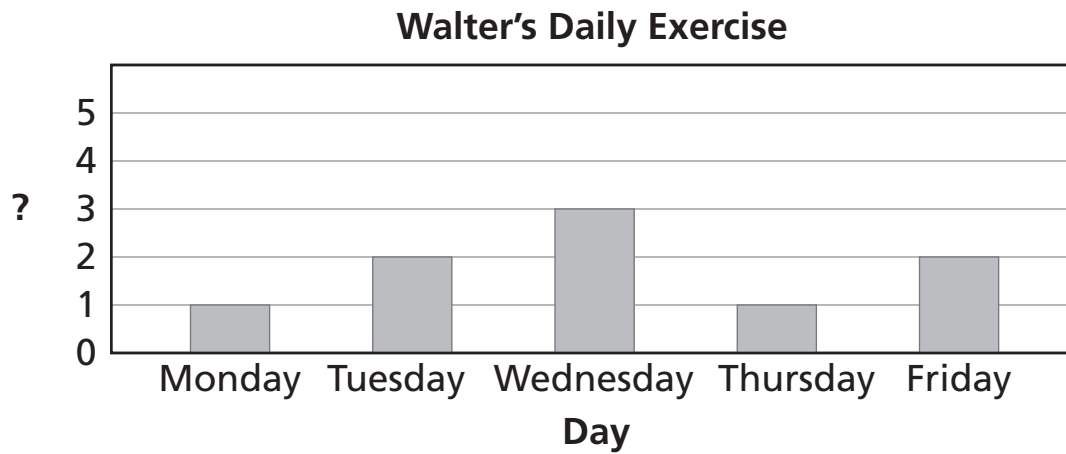Use the information below to answer question 1.

1. Which number is in the incorrect place in the Venn diagram?

Ⓐ 5

Ⓑ 7

Ⓒ 8

Ⓓ 13

Use the graph to answer question 1.

Walter's Daily Exercise

1. Walter needs to label his bar graph.

   What label should he put in place of the question mark?

   Ⓐ Number of Days

   Ⓑ Day of the Week

   Ⓒ Number of Hours

   Ⓓ Month of the Year

230166

1. A pet store has 6 turtles, 3 cats, 2 rabbits and 5 hamsters.

   Which graph shows the animals at the pet store?

Ⓐ **Animals at the Pet Store**

Turtles	🐾 🐾 🐾 🐾 🐾 🐾
Cats	🐾 🐾 🐾
Rabbits	🐾 🐾
Hamsters	🐾 🐾 🐾 🐾 🐾

🐾 = 2 animals

Ⓑ **Animals at the Pet Store**

Turtles	🐾 🐾 🐾
Cats	🐾
Rabbits	🐾
Hamsters	🐾 🐾

🐾 = 2 animals

Ⓒ **Animals at the Pet Store**

Turtles	🐾 🐾 🐾
Cats	🐾 ◖
Rabbits	🐾
Hamsters	🐾 🐾 ◖

🐾 = 2 animals

Ⓓ **Animals at the Pet Store**

Turtles	🐾 🐾
Cats	🐾 ◖
Rabbits	🐾
Hamsters	🐾 🐾 ◖

🐾 = 2 animals

232165

Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

    Make a pictograph of the number of points Kevin scored in each of the 4 games.

    Be sure to give your pictograph a title and key.

MCA-II Item Sampler Answer Key
Grade 3 Mathematics

Item #	Correct Answer	Item Type	Strand	Sub-Strand	Benchmark	Cognitive Level
230662	A	MC	IV	A	1	B
230166	C	MC	IV	A	2	B
232165	C	MC	IV	A	2	B
230162	See Annotation	CR	IV	A	2	B

MCA-II Item Sampler
Rubric, Sample Responses and Answer Annotations
Grade 3 Mathematics

Rubric:

Score	Description
3	The response includes a pictograph with accurately depicted data, and has an appropriate title and key.
2	The response includes a pictograph with at least 3 correct data entries. The title OR the key may be incorrect or missing.
1	The response includes a pictograph with at least 2 correct data entries. The title AND the key may be incorrect or missing. OR The response includes some relevant work.
0	The response is incorrect or irrelevant.

Sample Answer:

Basketball Points

Game 1	⊗ ⊗ ⊗
Game 2	⊗ ⊗ ⊗ ⊗
Game 3	⊗ ⊗
Game 4	⊗ ⊗ ⊗ ⊗ ⊗

⊗ = 2 points

OR
Other acceptable pictograph

Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Kevin's BB pts scored

Game	# of pts scored
1	⊕ ⊕ ⊕
2	⊕ ⊕ ⊕ ⊕
3	⊕ ⊕
4	⊕ ⊕ ⊕ ⊕ ⊕

each ⊕ = 2 pts

Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Kevin's Points

1 | O O O O O O
2 | O O O O O O O O
3 | O O O O
4 | O O O O O O O O O O

Key O = 1 point

Use the **table** below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Kvin's Basketball
Points scored

1	⊙⊙⊙ ⊙⊙ ⊙
2	⊙⊙⊙⊙ ⊙⊙⊙⊙
3	⊙⊙ ⊙ ⊙
4	⊙⊙⊙⊙⊙⊙⊙⊙⊙⊙

⊙ = 1 basket

Score Point: 2
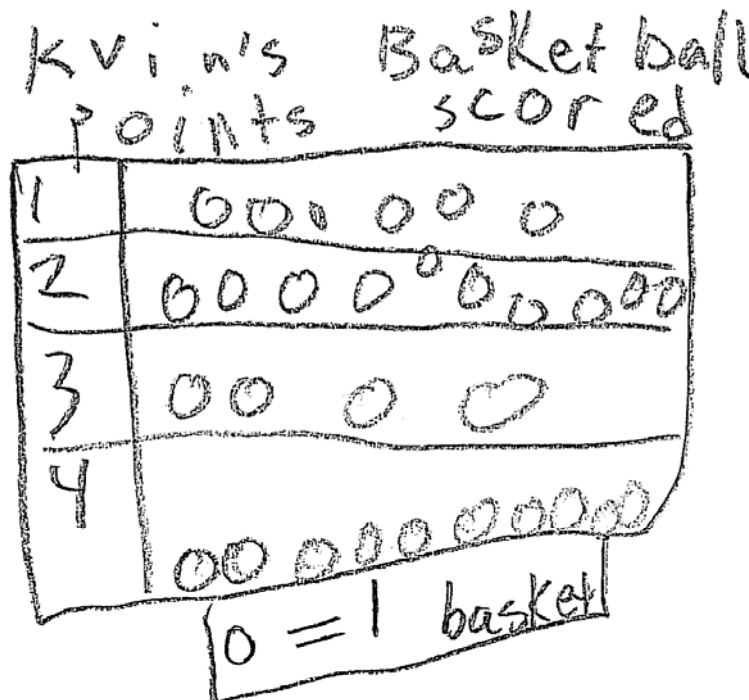The response has a pictograph with symbols accurately representing most of the data from the table, and includes a title and key. The representation for game 2 shows 10 circles instead of 8.
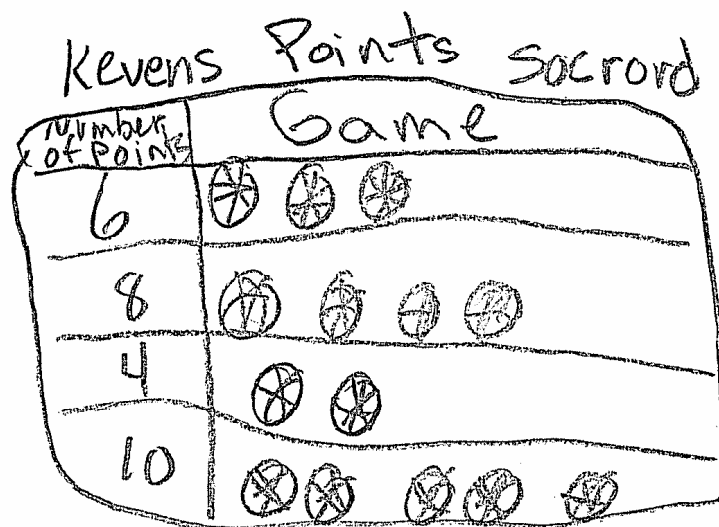
Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Score Point: 2
The response has a pictograph with symbols accurately representing the number of points scored from the table, and includes a title, but the pictograph does not include the game numbers, the columns are mislabeled, and the key is incomplete since it does not indicate that the symbols represents points.
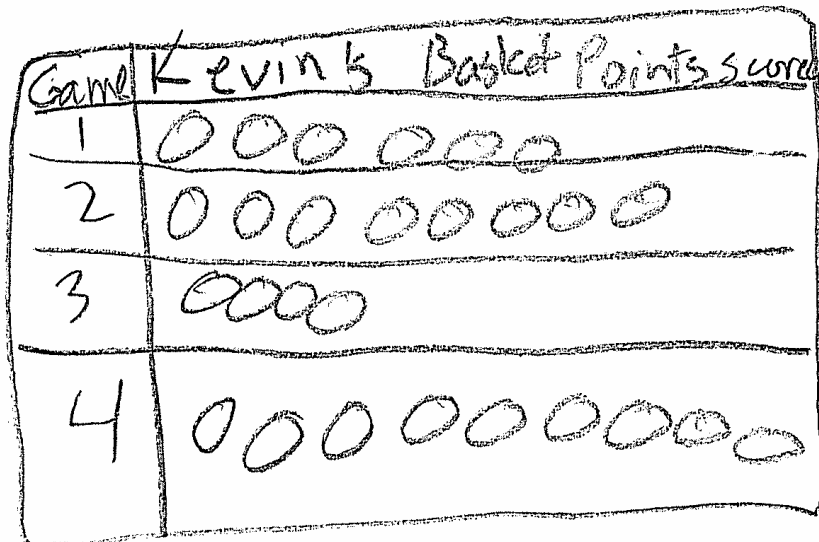
Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Game	Kevin's Basket Points scored
1	000 000
2	000 00000
3	0000
4	000 0000000

Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Use the table below to answer question 1.

Kevin's Basketball Points Scored

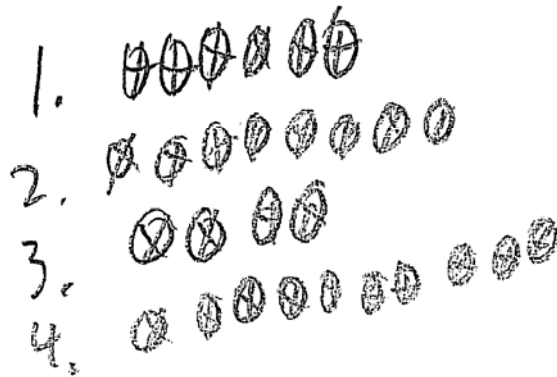| Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

Kevin's Basketball Points	
1	6
2	8
3	4
4	38

Score Point: 0
The response shows an attempt to copy the information from the table, but shows no relevant work.

Use the table below to answer question 1.

Kevin's Basketball Points Scored

Game	Number of Points Scored
1	6
2	8
3	4
4	10

1. The table lists the number of points Kevin scored in each of his first 4 basketball games.

   Make a pictograph of the number of points Kevin scored in each of the 4 games.

   Be sure to give your pictograph a title and key.

How many games	Number of Points all up
10	28

Score Point: 0
The response shows no relevant work.