

Q4-Q5 (Problem Solving) Day 99 Name: _____

1. In a game Ruth is playing against Grace you get **3 points for getting the ball in the basket** and you **lose 2 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Ruth has got the ball **in the basket 6 times** and **missed 3 times**. **How many points** does Ruth have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Grace has got the ball **in the basket 4 times** answers but **missed 5 times**. **How many points** does Grace have? Write your answer in the space below.

_____ points

2. In a game John is playing against Clare you get **4 points for getting the ball in the basket** and you **lose 1 point every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, John has got the ball **in the basket 5 times** and **missed 2 times**. **How many points** does John have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Clare has got the ball **in the basket 2 times** answers but **missed 7 times**. **How many points** does Clare have? Write your answer in the space below.

_____ points

3. In a game Derek is playing against Jen you get **5 points for getting the ball in the basket** and you **lose 3 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Derek has got the ball **in the basket 4 times** and **missed 1 time**. **How many points** does Derek have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Jen has got the ball **in the basket 3 times** answers but **missed 5 times**. **How many points** does Jen have? Write your answer in the space below.

_____ points

4. In a game Barney is playing against Annie you get **4 points for getting the ball in the basket** and you **lose 2 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Barney has got the ball **in the basket 7 times** and **missed 3 times**. **How many points** does Barney have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Annie has got the ball **in the basket 4 times** answers but **missed 6 times**. **How many points** does Annie have? Write your answer in the space below.

_____ points

5. In a game Max is playing against Pat you get **5 points for getting the ball in the basket** and you **lose 4 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Max has got the ball **in the basket 5 times** and **missed 5 times**. **How many points** does Max have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Pat has got the ball **in the basket 3 times** answers but **missed 5 times**. **How many points** does Pat have? Write your answer in the space below.

_____ points

6. In a game Sophie is playing against Chloe you get **6 points for getting the ball in the basket** and you **lose 3 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Sophie has got the ball **in the basket 8 times** and **missed 4 times**. **How many points** does Sophie have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Chloe has got the ball **in the basket 3 times** answers but **missed 7 times**. **How many points** does Chloe have? Write your answer in the space below.

_____ points

7. In a game Toby is playing against Aaron you get **7 points for getting the ball in the basket** and you **lose 3 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Toby has got the ball **in the basket 6 times** and **missed 1 time**. **How many points** does Toby have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Aaron has got the ball **in the basket 2 times** answers but **missed 5 times**. **How many points** does Aaron have? Write your answer in the space below.

_____ points

8. In a game Cam is playing against Kayla you get **8 points for getting the ball in the basket** and you **lose 5 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Cam has got the ball **in the basket 9 times** and **missed 2 times**. **How many points** does Cam have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Kayla has got the ball **in the basket 4 times** answers but **missed 6 times**. **How many points** does Kayla have? Write your answer in the space below.

_____ points

9. In a game Mike is playing against Joe you get **9 points for getting the ball in the basket** and you **lose 7 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Mike has got the ball **in the basket 10 times** and **missed 3 times**. **How many points** does Mike have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Joe has got the ball **in the basket 1 time** answers but **missed 2 times**. **How many points** does Joe have? Write your answer in the space below.

_____ points

10. In a game Isla is playing against Izzy you get **9 points for getting the ball in the basket** and you **lose 5 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Isla has got the ball **in the basket 7 times** and **missed 4 times**. **How many points** does Isla have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Izzy has got the ball **in the basket 5 times** answers but **missed 9 times**. **How many points** does Izzy have? Write your answer in the space below.

_____ points

11. In a game Tom is playing against Ben you get **10 points for getting the ball in the basket** and you **lose 9 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Tom has got the ball **in the basket 13 times** and **missed 8 times**. **How many points** does Tom have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Ben has got the ball **in the basket 6 times** answers but **missed 8 times**. **How many points** does Ben have? Write your answer in the space below.

_____ points

12. In a game Gemma is playing against Hannah you get **11 points for getting the ball in the basket** and you **lose 9 points every time you miss**. At the end of the game you can have a **positive** or a **negative** number of points.

a) At the end of the game, Gemma has got the ball **in the basket 15 times** and **missed 4 times**. **How many points** does Gemma have? Write your answer in the space below.

_____ points

b) **Look again at the question above**. At the end of the game, Hannah has got the ball **in the basket 6 times** answers but **missed 11 times**. **How many points** does Hannah have? Write your answer in the space below.

_____ points

Answers

- | | |
|-----------|--------|
| 1. a) 12 | b) 2 |
| 2. a) 18 | b) 1 |
| 3. a) 17 | b) 0 |
| 4. a) 22 | b) 4 |
| 5. a) 5 | b) -5 |
| 6. a) 36 | b) -3 |
| 7. a) 39 | b) -1 |
| 8. a) 62 | b) 2 |
| 9. a) 69 | b) -5 |
| 10.a) 43 | b) 0 |
| 11.a) 58 | b) -12 |
| 12.a) 129 | b) -33 |