At the local fair they were holding pie eating contests. They recorded the number of
pies each contestant ate in the line plot below. Use their line plot to answer the questions.

|  |  |  |  |  |  |  |  |  | $\times$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\times$ |  |  |  |  | $\times$ |  |
|  |  |  |  | $\times$ |  |  |  | $\times$ | $\times$ |  |
| $\times$ |  |  |  | $\times$ |  |  |  | $\times$ | $\times$ |  |
| $\times$ | $\times$ |  |  | $\times$ |  |  |  | $\times$ | $\times$ | (10) |
| $\times$ | $\times$ |  |  | $\times$ | $\times$ |  |  | $\times$ | $\times \quad \stackrel{\square}{x}$ |  |
| $\times$ | $\times$ |  | $\times$ | $\times$ | $\times$ |  |  | $\times$ | $\times$ | ${ }^{1}$ |
| $\times$ | $\times$ |  | $\times$ | $\times$ | $\times$ |  |  | $\times$ | $\times$ | - |
| $\times$ | $\times$ |  | $\times$ | $\times$ | $\times$ | $\times$ |  | $\times$ | $\times$ | $\stackrel{\square}{\circ}$ |
| $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ |  | $\times$ | $\times$ |  |
| $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ |  |
| $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  |
|  |  |  |  |  |  |  |  |  |  |  |

1) How many pies did contestant 9 eat?
2) Did contestant 1 or contestant 3 eat more pies?
3) Did contestant 7 or contestant 8 eat fewer pies?
4) How many contestants ate more than 4 pies?
5) How many contestants ate fewer than 3 pies?
6) What is the combined number of pies contestant 6 and contestant 10 ate?
7) Which contestant ate the most pies?
8) Which contestant ate the fewest pies?
9) Which contestants (if any) ate more than 9 pies?
10) What is the difference in the number of pies contestant 10 ate and the number contestant 5 ate?
11) Which contestant ate exactly 2 pies?

Answers

1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
$\qquad$

At the local fair they were holding pie eating contests. They recorded the number of pies each contestant ate in the line plot below. Use their line plot to answer the questions.

| tions. | 8 | 3 | 6 | 11 | 7 | 4 | 2 | 10 | 12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | $\times$ |
|  |  |  |  | $x$ |  |  |  |  | $\times$ |
|  |  |  |  | $\times$ |  |  |  | $\times$ | $\times$ |
| $\times$ |  |  |  | $\times$ |  |  |  | $\times$ | $\times$ |
| $\times$ | $\times$ |  |  | $\times$ |  |  |  | $\times$ | $\times$ |
| $\times$ | $\times$ |  |  | $\times$ | $\times$ |  |  | $\times$ | $\times$ |
| $\times$ | $x$ |  | $\times$ | $\times$ | $\times$ |  |  | $\times$ | $\times$ |
| $\times$ | $\times$ |  | $\times$ | $\times$ | $\times$ |  |  | $\times$ | $\times$ |
| $\times$ | $\times$ |  | $\times$ | $\times$ | $\times$ | $x$ |  | $\times$ | $\times$ |
| $\times$ | $\times$ | $x$ | $\times$ | $\times$ | $\times$ | $\times$ |  | $\times$ | $\times$ |
| $\times$ | $\times$ | $x$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ |
| $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ | $\times$ |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  |  |  |  | Co | ta |  |  |  |  |

1) How many pies did contestant 9 eat?
2) Did contestant 1 or contestant 3 eat more pies?
3) Did contestant 7 or contestant 8 eat fewer pies?
4) How many contestants ate more than 4 pies?
1. 

10
2. contestant 1
3. contestant 8
4. 7
5. 1
6. $\qquad$
7. contestant 10
8. contestant 8
9. $5,9,10$
10. $\qquad$
11. contestant 8
5) How many contestants ate fewer than 3 pies?
6) What is the combined number of pies contestant 6 and contestant 10 ate?
7) Which contestant ate the most pies?
8) Which contestant ate the fewest pies?
9) Which contestants (if any) ate more than 9 pies?
10) What is the difference in the number of pies contestant 10 ate and the number contestant 5 ate?
11) Which contestant ate exactly 2 pies?

