Comparing data with box plots worksheet – Grade 9

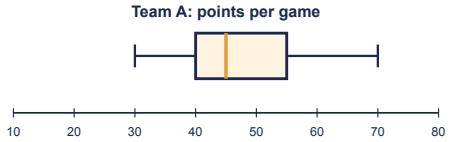
Grade 9 · Mixed level · 20 questions · **Version X6318**

Name: _____ Date: _____ Score: ___ / 20

Scan to check answers + earn stars

Done the worksheet? Scan the code (or enter version X6318 on this skill's page at themathmeridian.com) to check your answers online and earn stars.

1. What is the range for Team A?



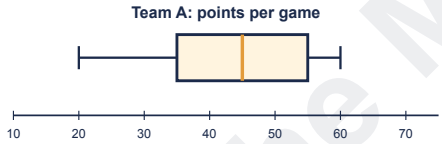
Answer: _____

2. Work out the median of daily customers for Store 1.



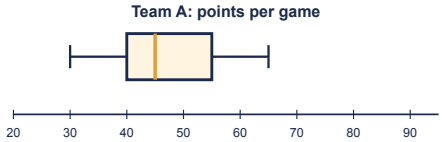
Answer: _____

3. Find the range for Team A.



Answer: _____

4. Find the median of points per game for Team A.

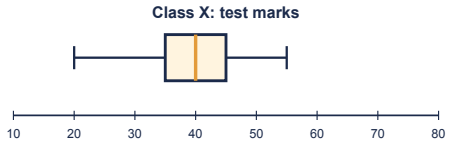


Answer: _____

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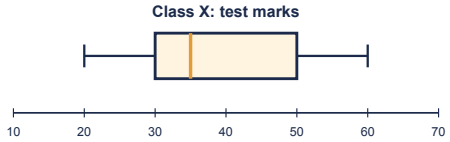
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5. Find the IQR for Class X.



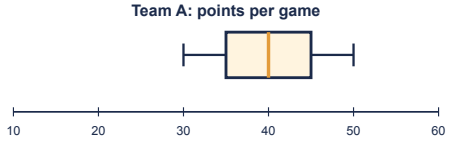
Answer: _____

6. What is the IQR for Class X?



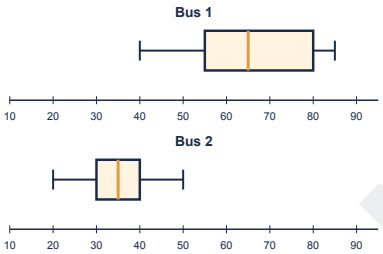
Answer: _____

7. Work out the IQR for Team A.



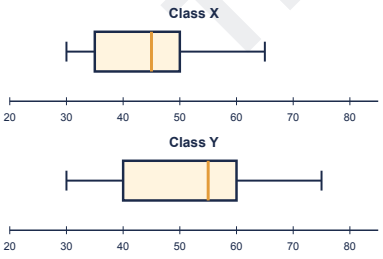
Answer: _____

8. Find the difference between the IQRs.



Answer: _____

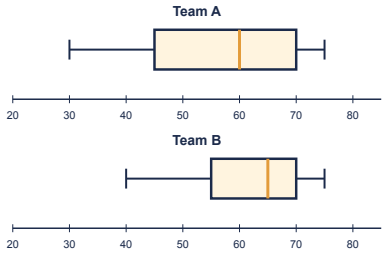
9. Find the difference between the medians.



Answer: _____

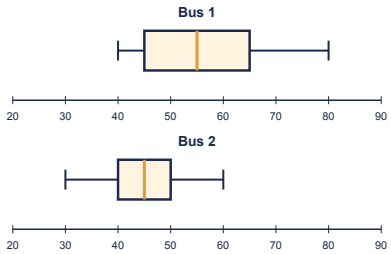
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10. What is the difference between the medians?



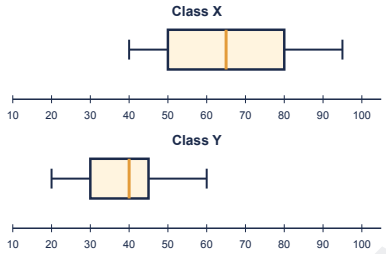
Answer: _____

11. Work out the difference between the medians.



Answer: _____

12. Which has the higher median?



A. Class X **B.** Class Y

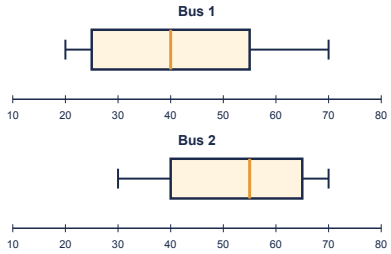
13. Which is more consistent?



A. Store 1 **B.** Store 2

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14. Work out the difference between the IQRs.



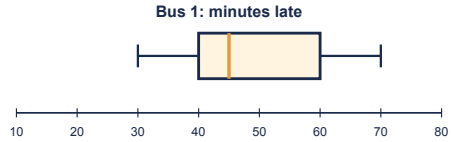
Answer: _____

15. Team B's box is much longer than Team A's, and they share a median. What does that show?

A. Team B varies more **B.** Team B has a higher typical value **C.** Team A has more data

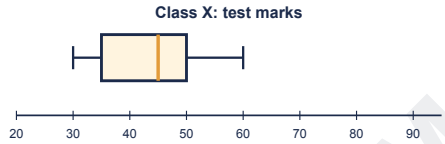
D. They are identical

16. About what percent of the values for Bus 1 are above 60?



Answer: _____

17. Class X has 200 values. About how many are above 45?



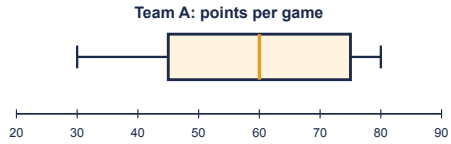
Answer: _____

18. Store 2's box is much longer than Store 1's, and they share a median. What does that show?

A. Store 2 varies more **B.** Store 2 has a higher typical value **C.** Store 1 has more data

D. They are identical

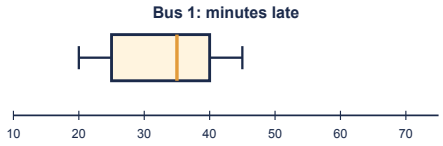
19. Can a box plot show how many values were collected?



A. No **B.** Yes

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20. Bus 1 has 200 values. About how many are above 40?



Answer: _____

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Answer key · Version X6318

Comparing data with box plots worksheet – Grade 9 · Grade 9 · to reprint this sheet or check the answers, enter X6318 on the skill page.

1. **40**
2. **50**
3. **40**
4. **45**
5. **10**
6. **20**
7. **10**
8. **15**
9. **10**
10. **5**
11. **10**
12. **A (Class X)**
13. **A (Store 1)**
14. **5**
15. **A (Team B varies more)**
16. **25%**
17. **100**
18. **A (Store 2 varies more)**
19. **A (No)**
20. **50**

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