Dot plots and box plots worksheet – Grade 6

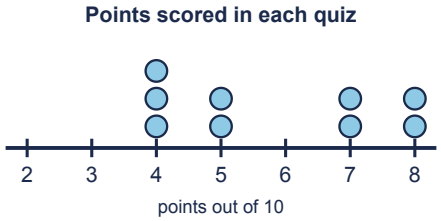
Grade 6 · Mixed level · 20 questions · **Version X6553**

Name: _____ Date: _____ Score: ___ / 20

Scan to check answers + earn stars

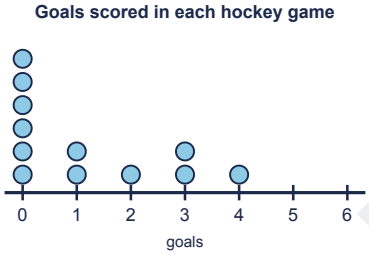
Done the worksheet? Scan the code (or enter version X6553 on this skill's page at themathmeridian.com) to check your answers online and earn stars.

1. Work out the mode of the data in the dot plot.



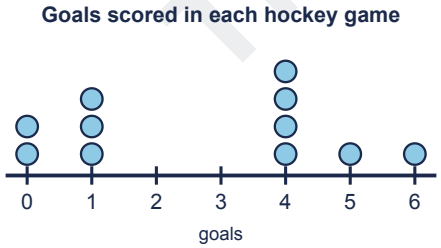
Answer: _____

2. How many data values does the dot plot show?



Answer: _____

3. Find the mode of the data in the dot plot.



Answer: _____

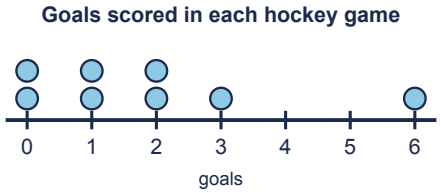
The Math Meridian

4. What is the mode of the data in the dot plot?



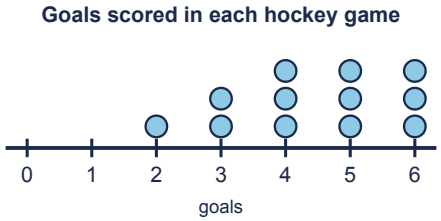
Answer: _____

5. How many data values are greater than 2?



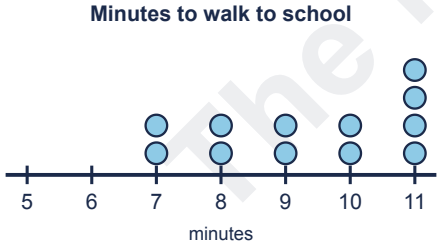
Answer: _____

6. How many data values does the dot plot show?



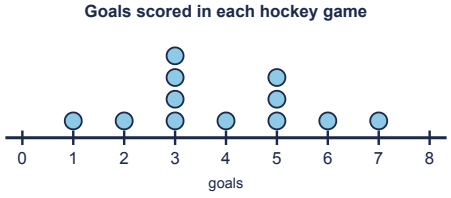
Answer: _____

7. How many data values are greater than 6?



Answer: _____

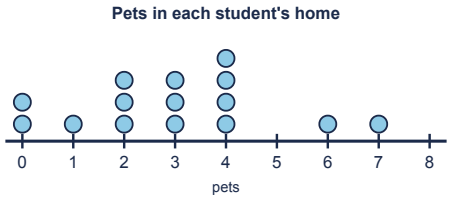
8. Work out the range of the data in the dot plot.



Answer: _____

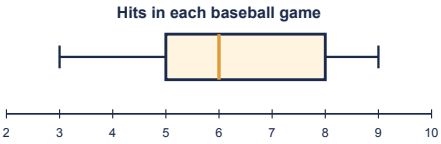
The Math Meridian

9. What is the range of the data in the dot plot?



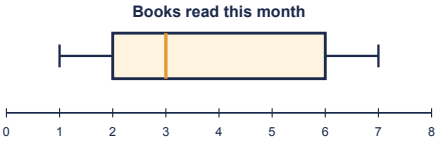
Answer: _____

10. What is the maximum shown by the box plot?



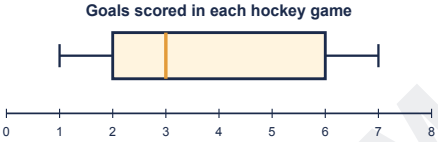
Answer: _____

11. What is the minimum shown by the box plot?



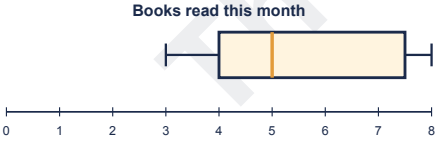
Answer: _____

12. Find the third quartile (Q3) shown by the box plot.



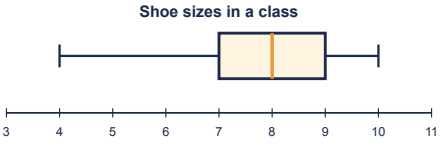
Answer: _____

13. Find the minimum shown by the box plot.



Answer: _____

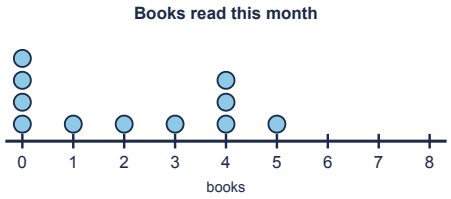
14. What is the first quartile (Q1) shown by the box plot?



Answer: _____

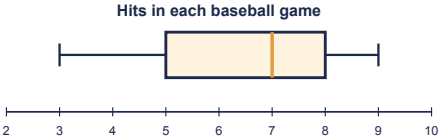
The Math Meridian

15. Work out the interquartile range (IQR) of the data in the dot plot.



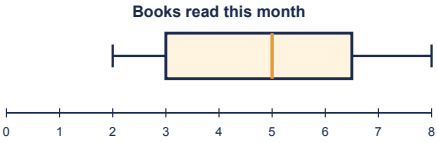
Answer: _____

16. About what percent of the data is above Q3?



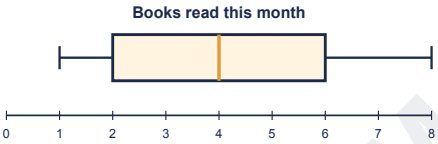
A. 25% **B.** 50% **C.** 75% **D.** 100%

17. Work out the interquartile range (IQR) shown by the box plot.



Answer: _____

18. What is the interquartile range (IQR) shown by the box plot?



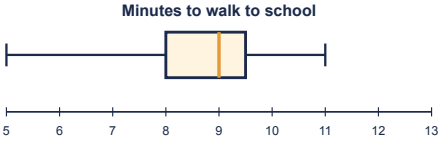
Answer: _____

19. What is the interquartile range (IQR) of the data in the dot plot?



Answer: _____

20. About what percent of the data is above the median?



A. 25% **B.** 50% **C.** 75% **D.** 100%

The Math Meridian

Answer key · Version X6553

Dot plots and box plots worksheet – Grade 6 · Grade 6 · to reprint this sheet or check the answers, enter X6553 on the skill page.

1. **4**
2. **12**
3. **4**
4. **6**
5. **2**
6. **12**
7. **12**
8. **6**
9. **7**
10. **9**
11. **1**
12. **6**
13. **3**
14. **7**
15. **4**
16. **A (25%)**
17. **3.5**
18. **4**
19. **3**
20. **B (50%)**

The Math Meridian