

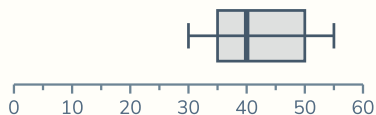
Box plots — Axis in 5s

Name: _____

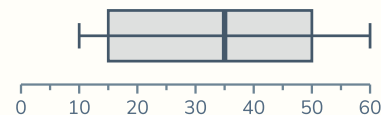
Date: _____

Use each box plot to work out the range and the interquartile range.

Lengths swum at the pool (lengths)



Minutes on the school bus (minutes)



1 What is the interquartile range?

2 What is the range?

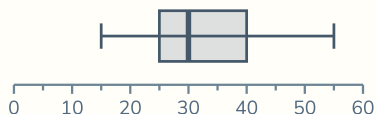
3 What is the lower quartile?

4 What is the lower quartile?

5 What is the interquartile range?

6 What is the range?

Scores on the spelling test (points)

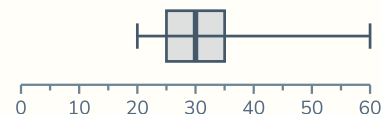


7 What is the interquartile range?

8 What is the lower quartile?

9 What is the range?

Minutes of homework (minutes)



10 What is the interquartile range?

11 What is the range?

12 What is the lower quartile?



Box plots · Axis in 5s — Answer key

1. the width of the box: 50
– 35 = 15

2. $55 - 30 = 25$

3. the left edge of the box
— 35 lengths

4. the left edge of the box
— 15 minutes

5. the width of the box: 50
– 15 = 35

6. $60 - 10 = 50$

7. the width of the box: 40
– 25 = 15

8. the left edge of the box
— 25 points

9. $55 - 15 = 40$

10. the width of the box: 35
– 25 = 10

11. $60 - 20 = 40$

12. the left edge of the box
— 25 minutes