

$$42. x+4+x+6+x+x+1-x+8+x+5 = 150$$

$$6x + 24 = 150$$

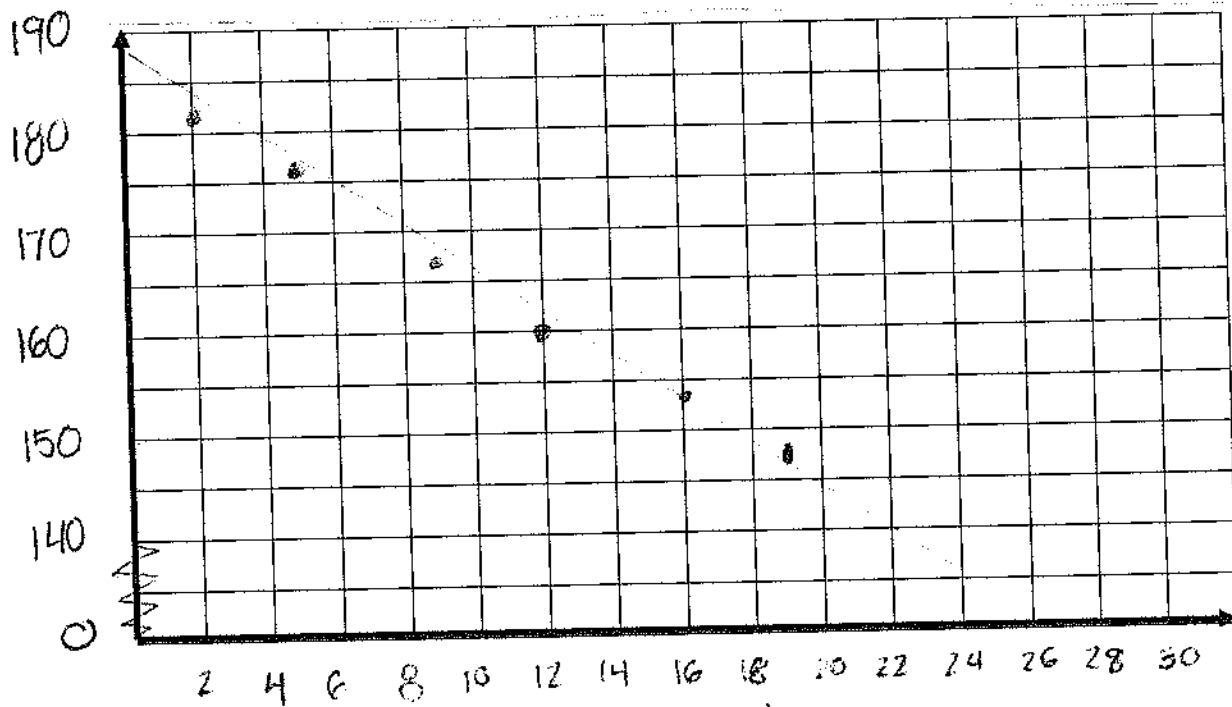
$$-24 \quad 24$$

$$\frac{6x}{6} = \frac{126}{6} \quad x = 21$$

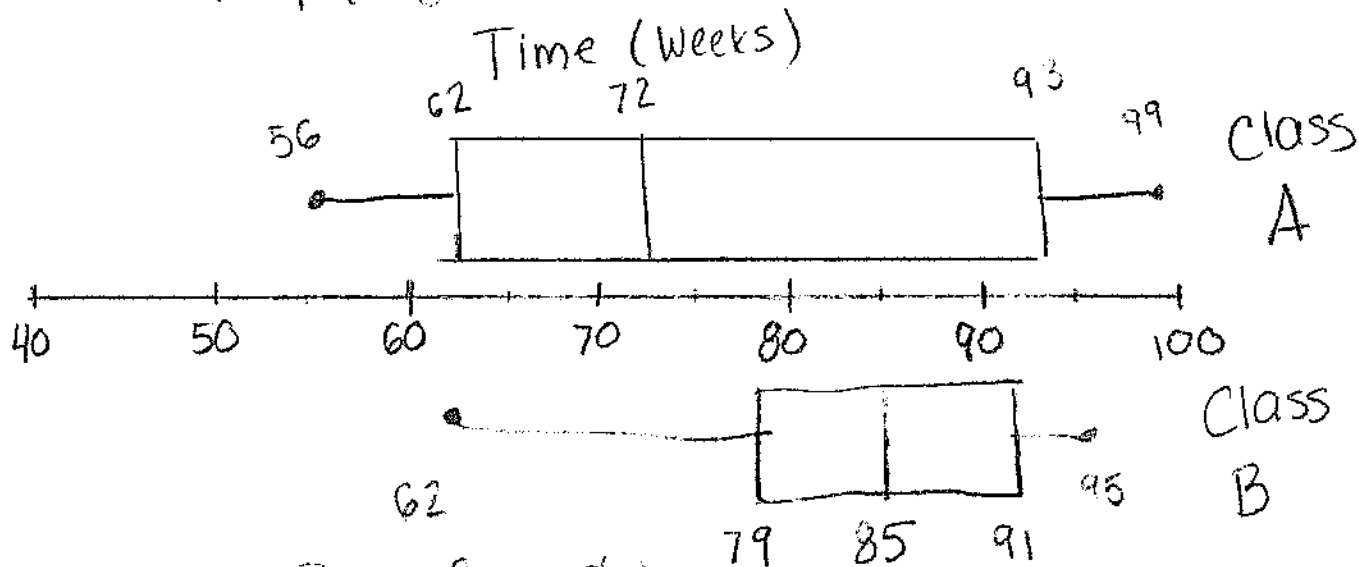
$$\text{Longest side} = 21 + 8 = \boxed{29}$$

43

Weight
(pounds)



44.



Overall, class B performed better

- The median was $> 10\%$ above class A
- The minimum was 8% above class A