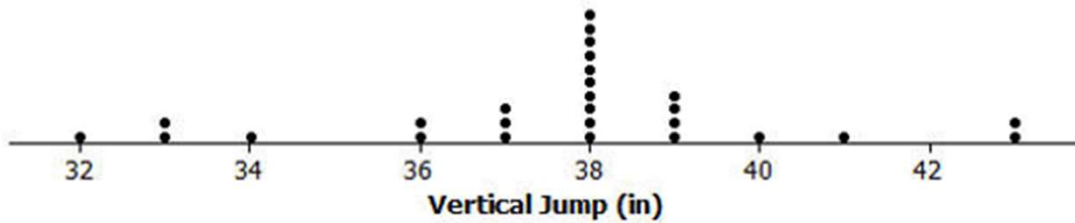


Interpret Dot Plots Worksheets

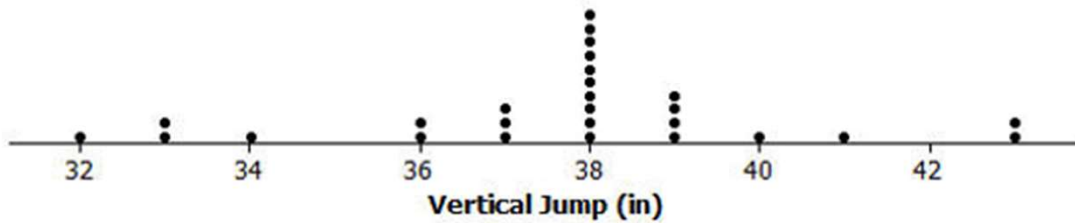
1. The dot plot below shows the vertical jump height (in inches) of some NBA players. A vertical jump height is how high a player can jump from a standstill.



- What statistical question do you think could be answered using these data?
- What was the highest vertical jump by a player?
- What was the lowest vertical jump by a player?
- What is the most common vertical jump height (the height that occurred most often)?
- How many players jumped the most common vertical jump height?
- How many players jumped higher than 40 inches?
- Another NBA player jumped 33 inches. Add a dot for this player on the dot plot. How does this player compare with the other players?

Interpret Dot Plots Worksheets

1. The dot plot below shows the vertical jump height (in inches) of some NBA players. A vertical jump height is how high a player can jump from a standstill.



a) What statistical question do you think could be answered using these data?

What are the vertical jump heights of NBA players?

b) What was the highest vertical jump by a player?

43 inches

c) What was the lowest vertical jump by a player?

32 inches

d) What is the most common vertical jump height (the height that occurred most often)?

38 inches

e) How many players jumped the most common vertical jump height?

10

f) How many players jumped higher than 40 inches?

3

g) Another NBA player jumped 33 inches. Add a dot for this player on the dot plot. How does this player compare with the other players?

Add another dot above 33. This player jumped the same as two other players and jumped higher than only one player.

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