# Bowling with Jacob

Name:_____   Date:_____   Hour:_____

Jacob decided to bowl with various weights of bowling balls and see how many pins he knocked down. He decided to try the 8 lb., 10 lb., and 14 lb. bowling balls. He made 5 attempts to knock down 10 standing pins with each weight. He then took the average number of pins for each weight.

Bowling Pins Knocked Down

Weight of bowling ball	Pins knocked down (average)
8 lb.	6.4
10 lb.	4.8
14 lb.	3.8
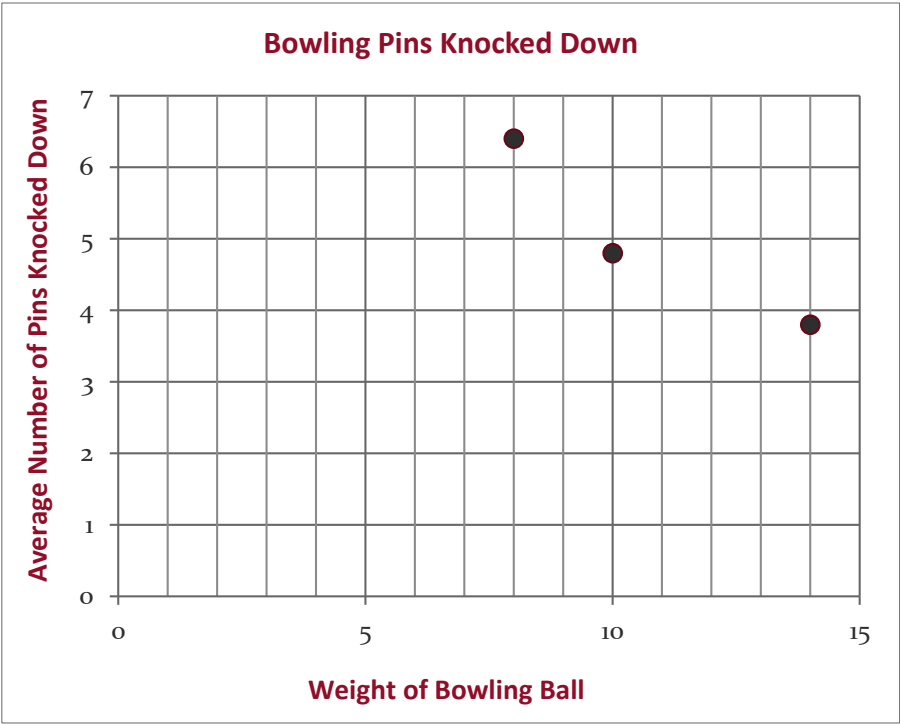
Which weight of bowling ball do you think Jacob should use? Explain your reasoning.

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How did the data that Jacob collected help you make your decision?

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_____

Could data help people make decisions in other sports as well? Give examples.

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_____

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