Name

Statistics - Standard Deviation - Two Means and Standard Deviations to More/Fewer Extremes

1 Which class has more extreme marks?

Class A: mean = 55, standard deviation = 10
Class B: mean = 55, standard deviation = 15

A	B
Class A	Class B

2 Which class has fewer extreme marks?

Class A: mean = 85, standard deviation = 5
Class B: mean = 85, standard deviation = 10

A	B
Class A	Class B

3 Which player has fewer extreme scores?

Player A: mean = 50, standard deviation = 15
Player B: mean = 50, standard deviation = 5

A	B
Player A	Player B

4 Which player has more extreme scores?

Player A: mean = 80, standard deviation = 15
Player B: mean = 80, standard deviation = 20

A	B
Player A	Player B

5 Which player has fewer extreme scores?

Player A: mean = 65, standard deviation = 20
Player B: mean = 65, standard deviation = 15

A	B
Player A	Player B

6 Which class has fewer extreme marks?

Class A: mean = 50, standard deviation = 15
Class B: mean = 50, standard deviation = 5

A	B
Class A	Class B

7 Which player has more extreme scores?

Player A: mean = 80, standard deviation = 15
Player B: mean = 80, standard deviation = 5

A	B
Player A	Player B

8 Which class has fewer extreme marks?

Class A: mean = 40, standard deviation = 5
Class B: mean = 40, standard deviation = 20

A	B
Class B	Class A