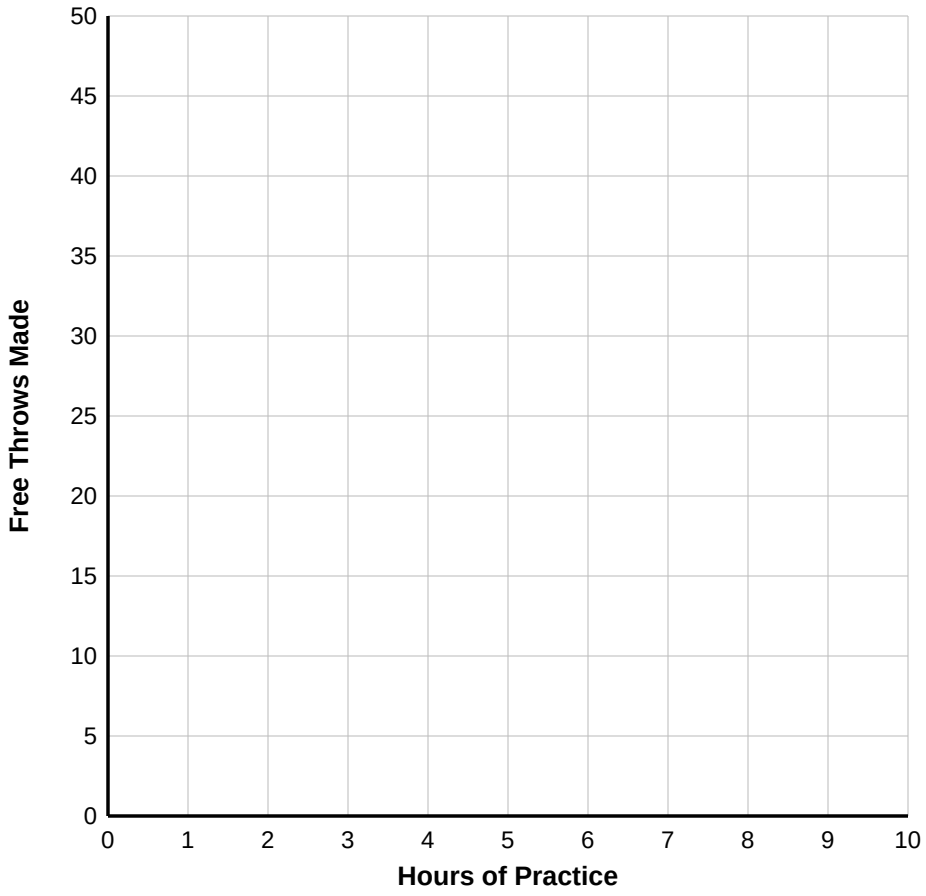
Name: _____

Making a Scatter Plot

Plot the data on the grid. Then answer the questions.



Data

(1, 12)
(2, 13)
(3, 20)
(4, 19)
(5, 23)
(6, 31)
(7, 32)
(8, 35)
(9, 37)
(10, 45)

1) What type of association does the scatter plot show?

_____

2) Draw a line of best fit. About what is its slope?

_____

3) Use your line to predict the y-value when x = 12.

_____

4) Are there any outliers? If so, which point?

_____

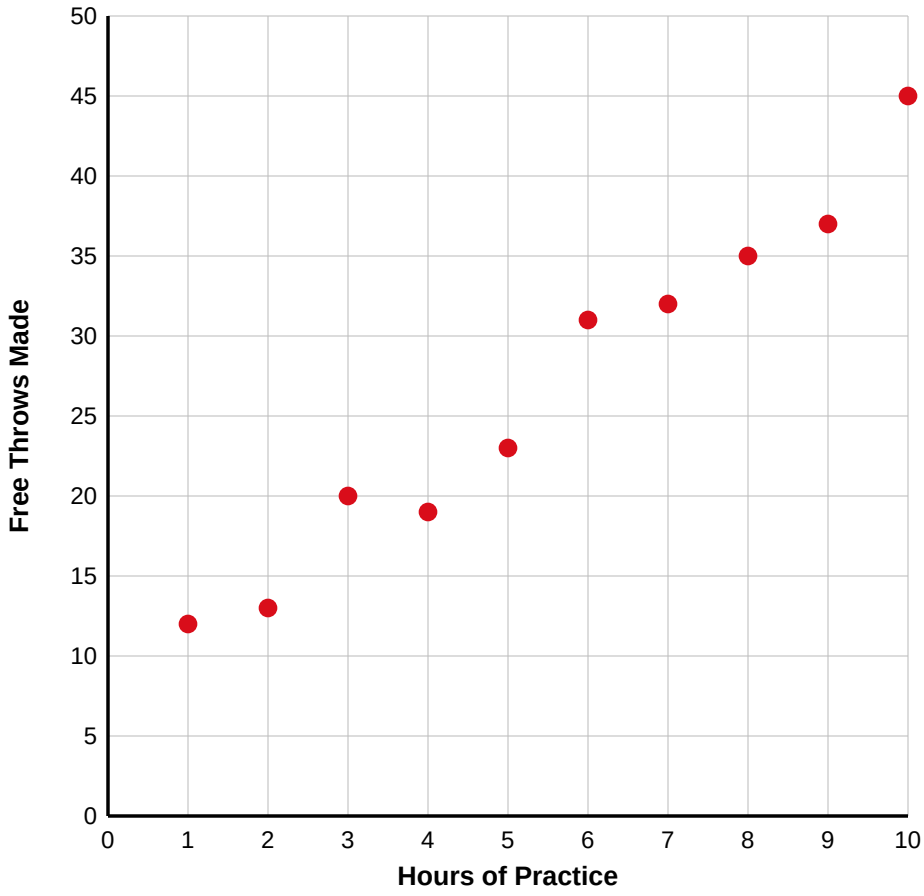
5) What does the slope mean in this situation?

_____

Name: **ANSWER KEY**

Making a Scatter Plot

Plot the data on the grid. Then answer the questions.



Data

(1, 12)
(2, 13)
(3, 20)
(4, 19)
(5, 23)
(6, 31)
(7, 32)
(8, 35)
(9, 37)
(10, 45)

1) What type of association does the scatter plot show?
positive linear

2) Draw a line of best fit. About what is its slope?
about 3

3) Use your line to predict the y-value when x = 12.
about 47

4) Are there any outliers? If so, which point?
none

5) What does the slope mean in this situation?
each extra unit adds about 3 free throws