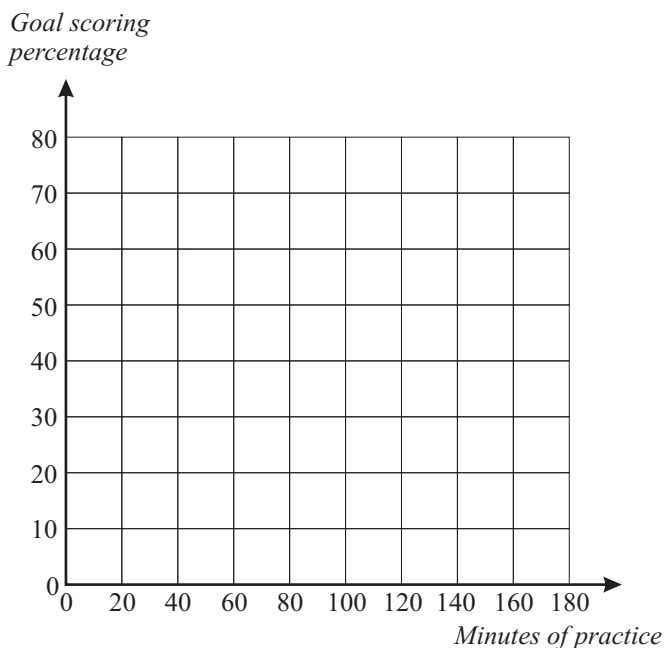


*Name:* \_\_\_\_\_

1. A basketball coach asked 10 players of equal ability to practice their goal shooting for different times each week over a season. The goal scoring percentage of each player was recorded and these figures are shown below.

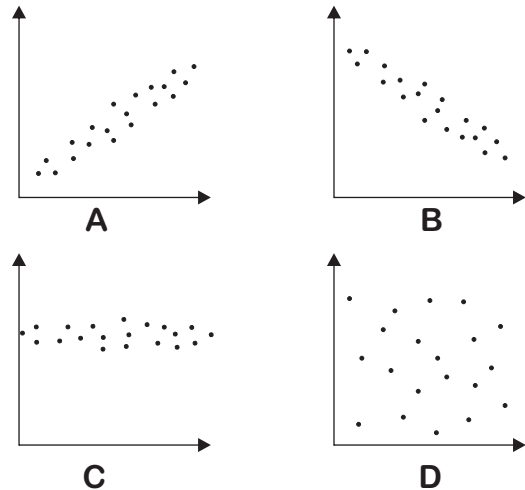
Player Name	Number of minutes practising each week	Goal scoring percentage
Andy	0	38
Bob	20	41
Chad	40	42
Dean	60	45
Eric	80	50
Floyd	100	54
Gary	120	53
Henry	140	58
Ian	160	60
Jarod	180	63

Plot this information on the graph below.



Did the time spent practising improve the goal scoring percentage?

2. Select one of these four graphs to best illustrate the shape of the graph you would expect as a result of graphing the information shown below (a to k).



- (a) Amount of money spent on advertising a product versus the sales of the product.
- (b) Time spent watching TV versus time spent on doing homework.
- (c) Police numbers in the state versus amount of crime.
- (d) Amount of fertilizer used by a gardener versus number of flowers produced.
- (e) The age of people versus the number of people wearing spectacles.
- (f) The number of feral cats versus the number of native animals in that area.
- (g) The age of people versus the number of pets they own.
- (h) The daily temperature versus the number of students attending school.
- (i) The number of people wearing seat belts versus the number of road fatalities.
- (j) The amount of money spent on drug education versus the number of drug overdoses.
- (k) The amount of exercise done per week versus a person's standing pulse rate.