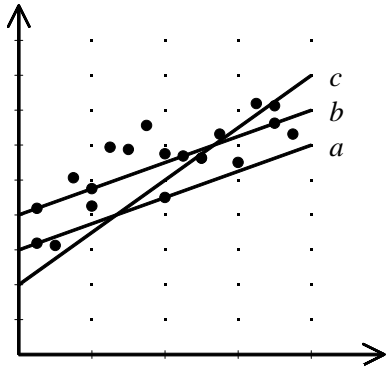


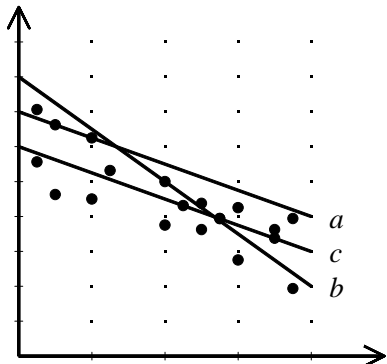
NAME: \_\_\_\_\_

*P.I. A.S.17: Use a reasonable line of best fit to make a prediction involving interpolation or extrapolation*

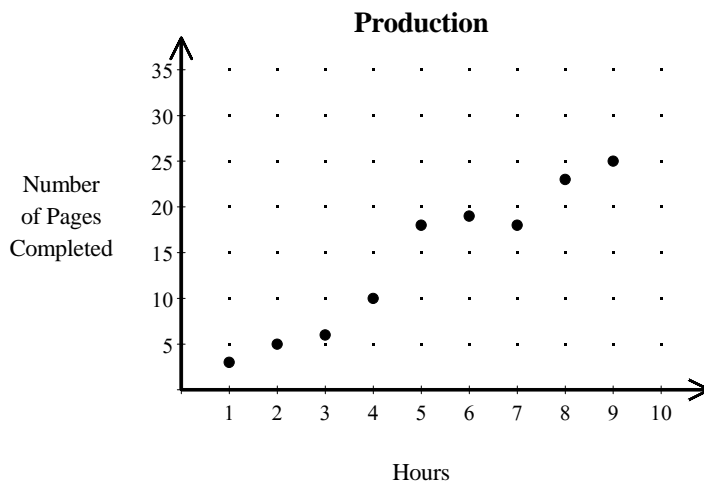
1. Which is the best trend line for the data shown?



2. Which is the best trend line for the data shown?



3. Daniel is processing a large document on a computer. This scatter plot shows how many pages he produced each hour.



Using this information, what is the best prediction of the number of pages Daniel can produce in 10 hours?

[A] 30

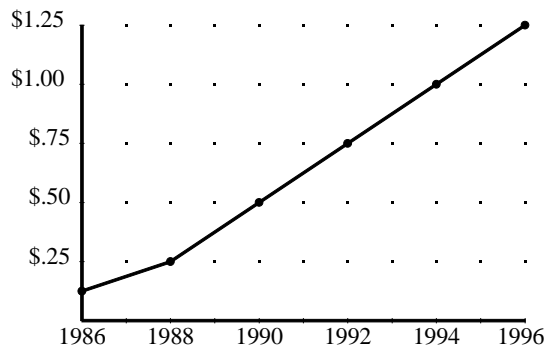
[B] 45

[C] 15

[D] 40

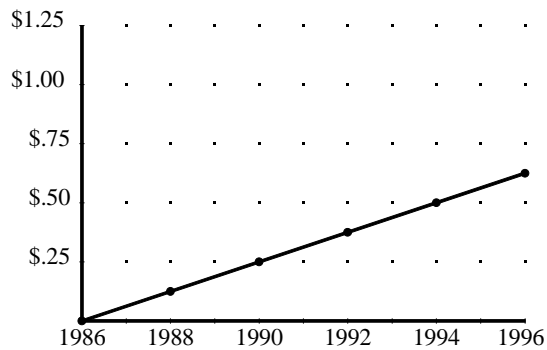
NAME: \_\_\_\_\_

4. The hourly parking fees for the local airport from 1986 through 1996 are shown on the line graph below. Using this information, predict what the hourly parking fee was for 1998.



- [A] \$1.62 per hour      [B] \$1.25 per hour      [C] \$1.50 per hour      [D] \$1.37 per hour

5. The hourly parking fees for the local airport from 1986 through 1996 are shown on the line graph below. Using this information, predict what the hourly parking fee was for 1998.



- [A] \$1.12 per hour      [B] \$1.00 per hour      [C] \$.62 per hour      [D] \$.75 per hour

[1] line  $b$

[2] line  $c$

[3] A

[4] C

[5] D