Task card 1 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = years since 2010 and y = price of a ticket in dollars is y = x + 20. Predict y when x = 4.

Task card 2 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 5x + 13. Predict y when x = 10.

Task card 3 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 2x + 24. Predict y when x = 3.

Task card 4 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = years since 2010 and y = price of a ticket in dollars is y = 2.5x + 11. Predict y when x = 14.

Task card 5 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 5.5x + 51. Predict y when x = 1.

Task card 6 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 2.5x + 33. Predict y when x = 4.

Task card 7 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = years since 2010 and y = price of a ticket in dollars is y = 1.5x + 15. Predict y when x = 3.

Task card 8 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 4x + 60. Predict y when x = 4.

Task card 9 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 6x + 57. Predict y when x = 3.

Task card 10 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 6x + 59. Predict y when x = 2.

Task card 11 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 4.5x + 34. Predict y when x = 10.

Task card 12 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 4.5x + 55. Predict y when x = 5.

Task card 13 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 5x + 27. Predict y when x = 8.

Task card 14 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 5.5x + 57. Predict y when x = 3.

Task card 15 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 4.5x + 54. Predict y when x = 5.

Task card 16 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 4x + 60. Predict y when x = 5.

Task card 17 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 5.5x + 36. Predict y when x = 6.

Task card 18 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 3x + 28. Predict y when x = 8.

Task card 19 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 6x + 55. Predict y when x = 6.

Task card 20 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 3.5x + 58. Predict y when x = 5.

Task card 21 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 3x + 59. Predict y when x = 4.

Task card 22 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 5.5x + 20. Predict y when x = 2.

Task card 23 Scatter Plots, Correlation & Resid...

A line of fit for data comparing x = hours studied and y = test score is y = 6x + 53. Predict y when x = 4.

Scatter Plots, Correlation & Residuals Task Cards

Recording sheet · Grade 9 · Answer each question. Describe correlation as positive, negative, or none.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	

Scatter Plots, Correlation & Residuals Task Cards: Answer Key

Grade 9 · Hard

The answers online

1. 24	**2.** 63	**3.** 30
4. 46	**5.** 56.5	**6.** 43
7. 19.5	**8.** 76	**9.** 75
10. 71	**11.** 79	**12.** 77.5
13. 67	**14.** 73.5	**15.** 76.5
16. 80	**17.** 69	**18.** 52
19. 91	**20.** 75.5	**21.** 71
22. 31	**23.** 77	