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

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 3.5x + 22. Predict y when x = 7.

Task card 2 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 + 9. Predict y when x = 11.

Task card 3 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 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 + 17. Predict y when x = 11.

Task card 5 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 + 23. Predict y when x = 11.

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

A line of fit for data comparing x = hours studied and y = test score is y = 4.5x + 60. Predict y when x = 5.

Task card 7 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 + 26. Predict y when x = 12.

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

A line of fit for data comparing x = hours studied and y = test score is y = 4.5x + 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 = 6.5x + 58. Predict y when x = 3.

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

A line of fit for data comparing x = number of ads run and y = number of items sold is y = 4x + 39. Predict y when x = 7.

Task card 11 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 = 2x + 15. Predict y when x = 12.

Task card 12 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 = 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 = 2x + 36. Predict y when x = 5.

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

A line of fit for data comparing x = hours studied and y = test score is y = 3.5x + 60. Predict y when x = 3.

Task card 15 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 + 25. Predict y when x = 4.

Task card 16 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 + 10. Predict y when x = 7.

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 = 2x + 34. Predict y when x = 8.

Task card 18 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 + 20. Predict y when x = 4.

Task card 19 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 + 18. Predict y when x = 12.

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

A line of fit for data comparing x = hours studied and y = test score is y = 5x + 53. Predict y when x = 1.

Task card 21 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 + 10. Predict y when x = 8.

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

A line of fit for data comparing x = hours studied and y = test score is y = 4.5x + 53. Predict y when x = 4.

Task card 23 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 + 19. Predict y when x = 12.

Task card 24 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 = 2x + 17. Predict y when x = 10.

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	24

Scatter Plots, Correlation & Residuals Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. 46.5	**2.** 36.5	**3.** 91
4. 44.5	**5.** 45	**6.** 82.5
7. 80	**8.** 78	**9.** 77.5
10. 67	**11.** 39	**12.** 87
13. 46	**14.** 70.5	**15.** 33
16. 27.5	**17.** 50	**18.** 26
19. 84	**20.** 58	**21.** 50
22. 71	**23.** 85	**24.** 37