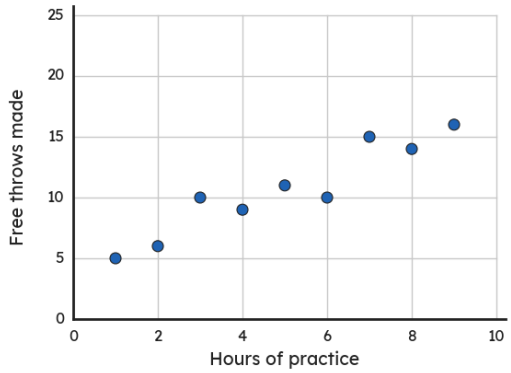
Name: _____ Date: _____

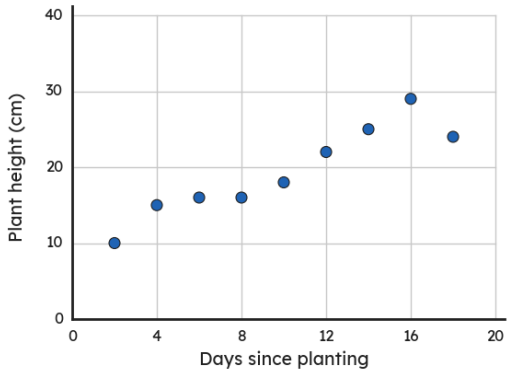
Estimating Lines Of Best Fit - Medium

Draw a line of best fit for the scatter plot. Write its equation and make the prediction. (Answers may vary.)

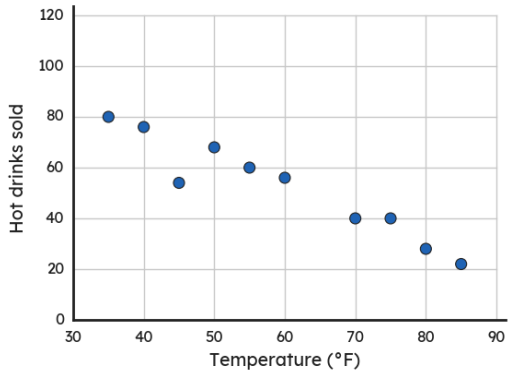
1. Predict the free throws made when x = 6.



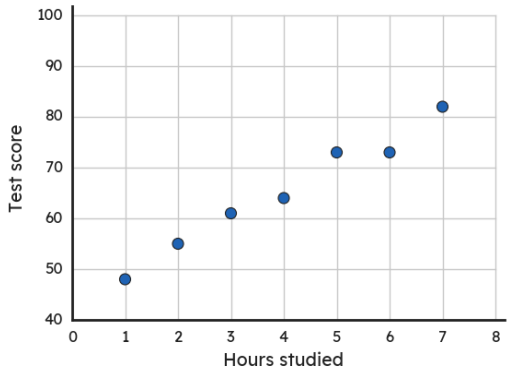
2. Predict the plant height when x = 20.



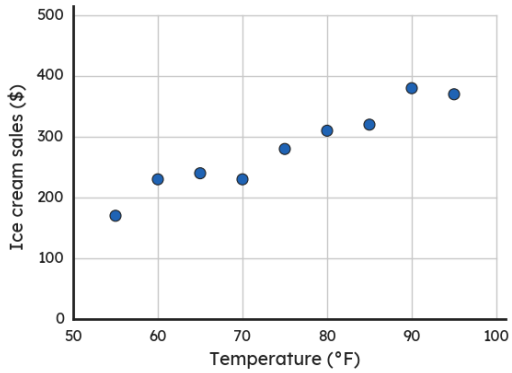
3. Predict the hot drinks sold when x = 60.



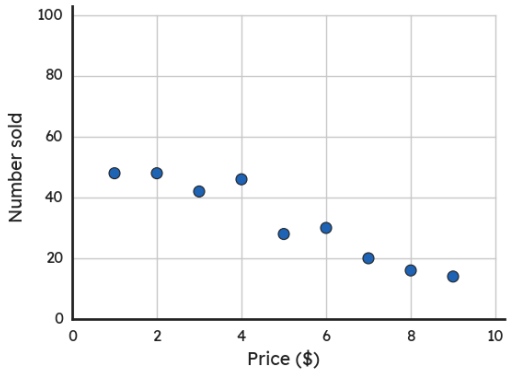
4. Predict the test score when x = 8.



5. Predict the ice cream sales when x = 60.



6. Predict the number sold when x = 8.

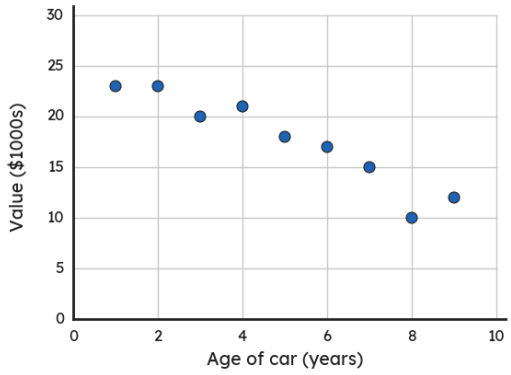


Name: _____ Date: _____

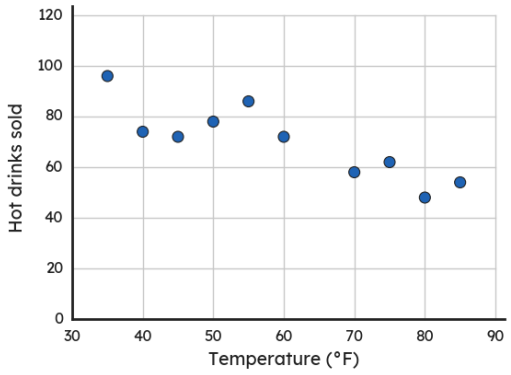
Estimating Lines Of Best Fit - Medium

Draw a line of best fit for the scatter plot. Write its equation and make the prediction. (Answers may vary.)

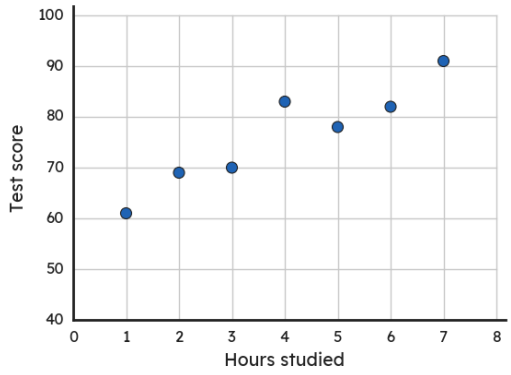
7. Predict the value when x = 8.



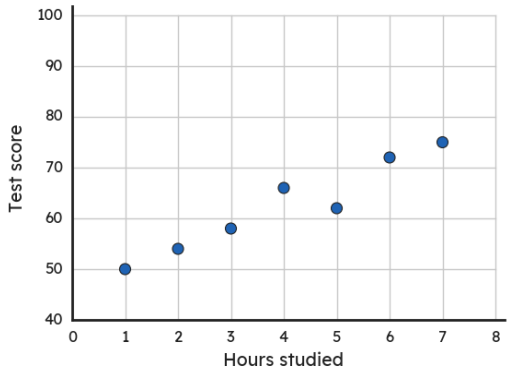
8. Predict the hot drinks sold when x = 50.



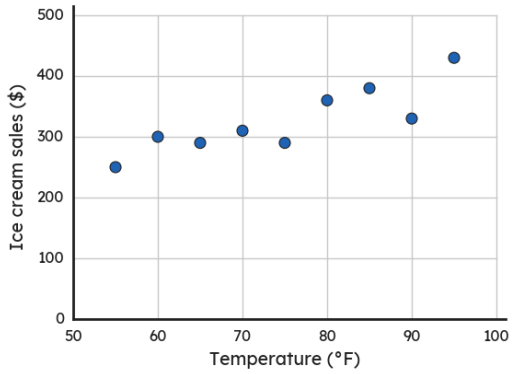
9. Predict the test score when x = 4.



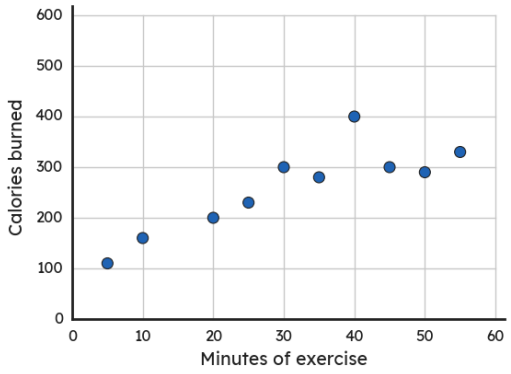
10. Predict the test score when x = 5.



11. Predict the ice cream sales when x = 100.

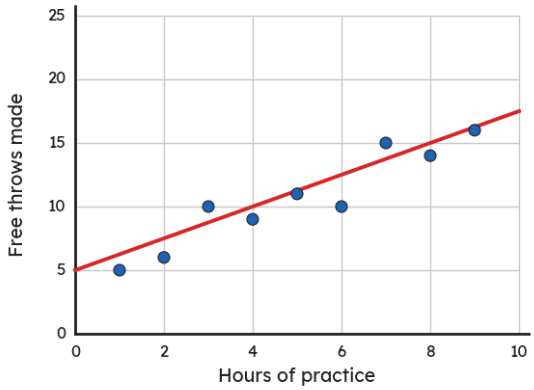


12. Predict the calories burned when x = 40.



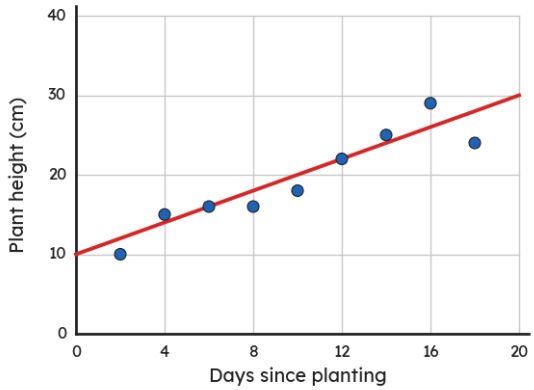
Estimating Lines Of Best Fit - Medium - Answer Key

1. Predict the free throws made when x = 6.



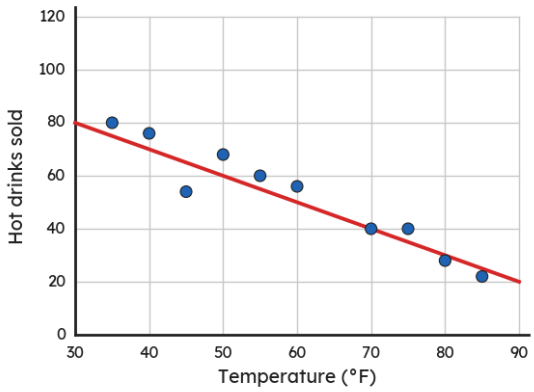
about y = 1.25x + 5; about 12.5

2. Predict the plant height when x = 20.



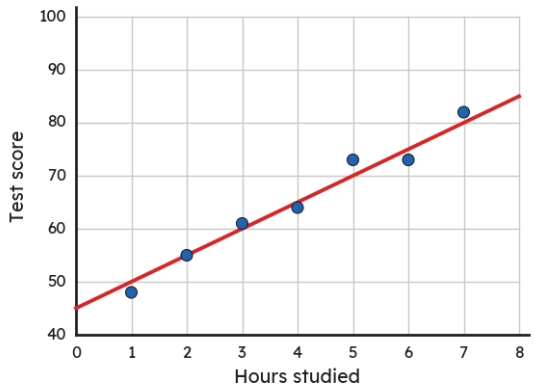
about y = x + 10; about 30

3. Predict the hot drinks sold when x = 60.



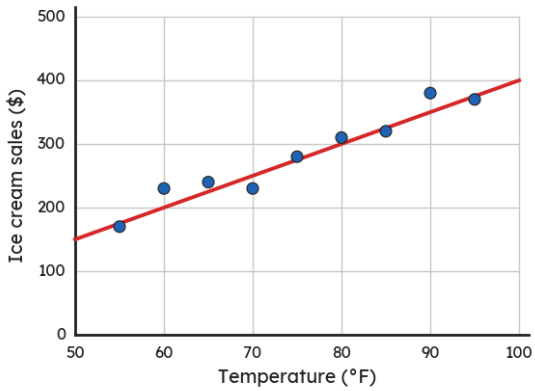
about y = -x + 110; about 50

4. Predict the test score when x = 8.



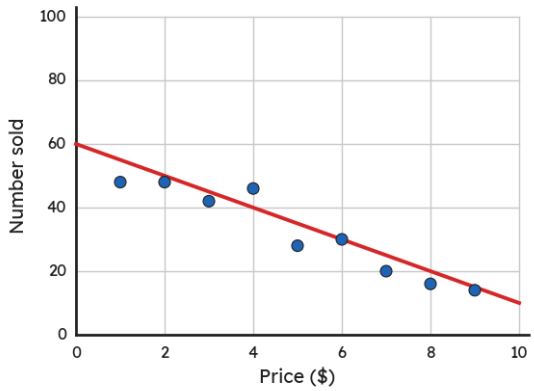
about y = 5x + 45; about 85

5. Predict the ice cream sales when x = 60.



about y = 5x - 100; about 200

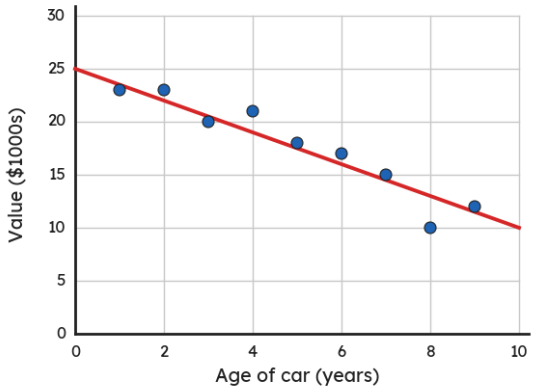
6. Predict the number sold when x = 8.



about y = -5x + 60; about 20

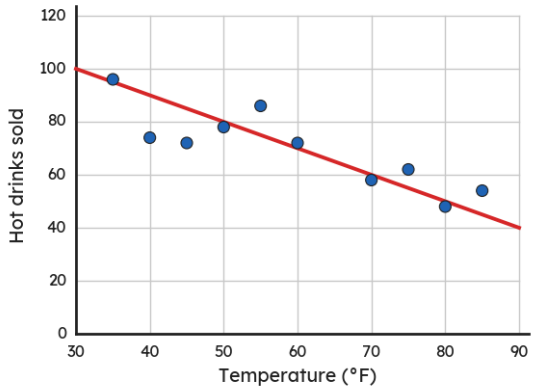
Estimating Lines Of Best Fit - Medium - Answer Key

7. Predict the value when x = 8.



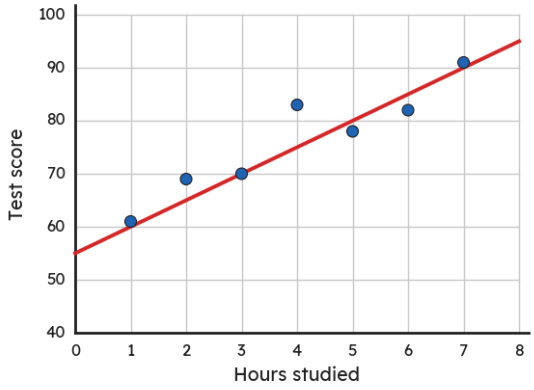
about y = -1.5x + 25; about 13

8. Predict the hot drinks sold when x = 50.



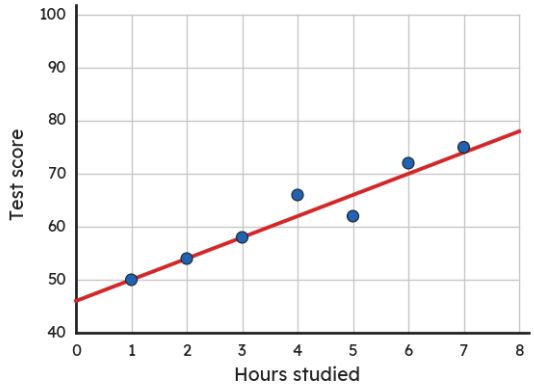
about y = -x + 130; about 80

9. Predict the test score when x = 4.



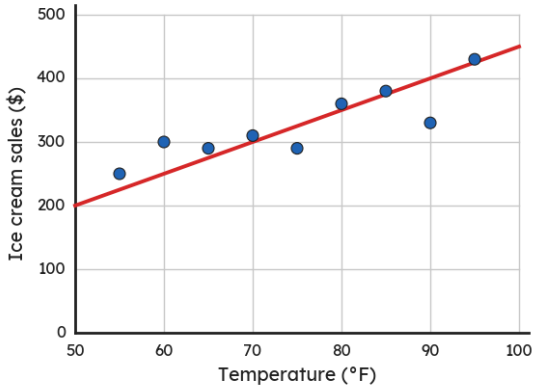
about y = 5x + 55; about 75

10. Predict the test score when x = 5.



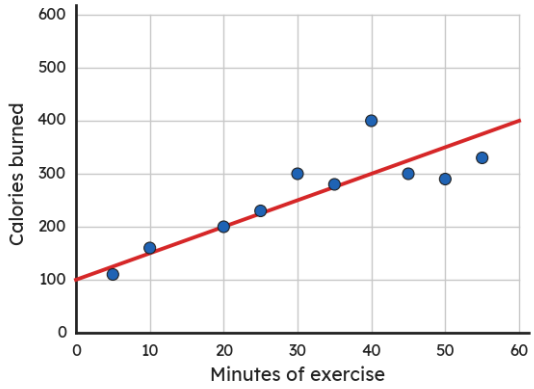
about y = 4x + 46; about 66

11. Predict the ice cream sales when x = 100.



about y = 5x - 50; about 450

12. Predict the calories burned when x = 40.



about y = 5x + 100; about 300