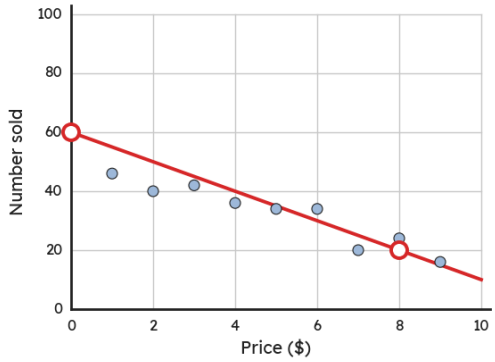
Name: _____ Date: _____

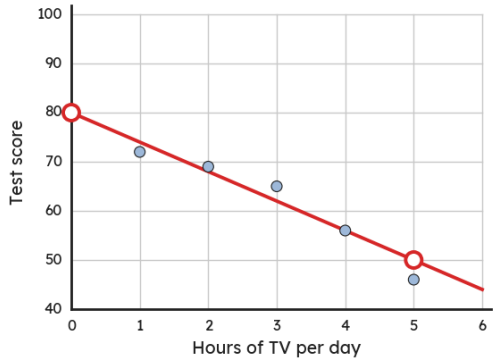
Interpreting Scatter Plots - Medium

The line on each scatter plot is a trend line. Write its equation using the two marked points. Then make the prediction.

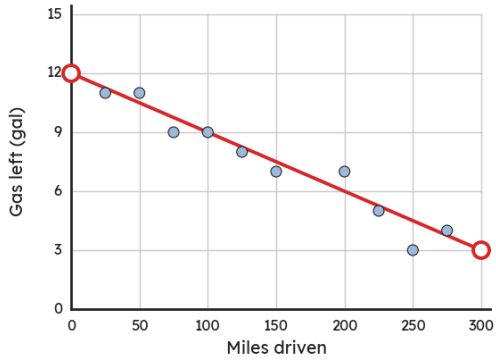
1. Predict the number sold when x = 5.



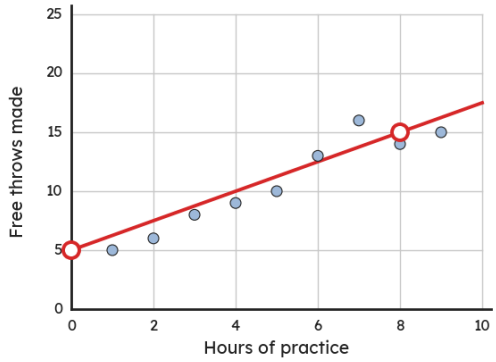
2. Predict the test score when x = 6.



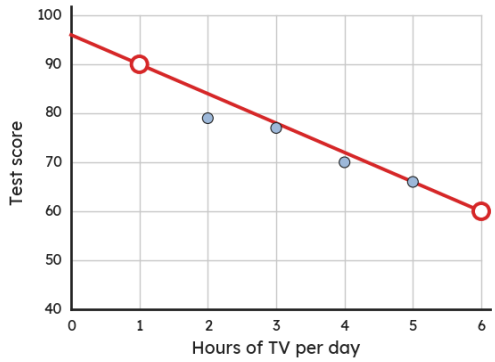
3. Predict the gas left when x = 275.



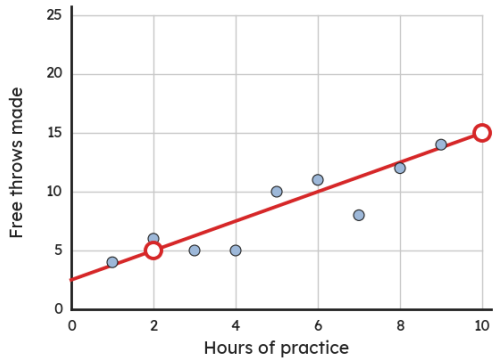
4. Predict the free throws made when x = 3.



5. Predict the test score when x = 0.



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

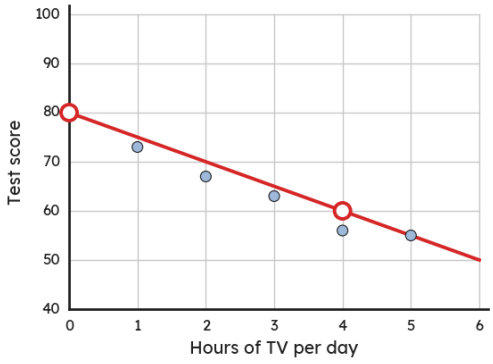


Name: _____ Date: _____

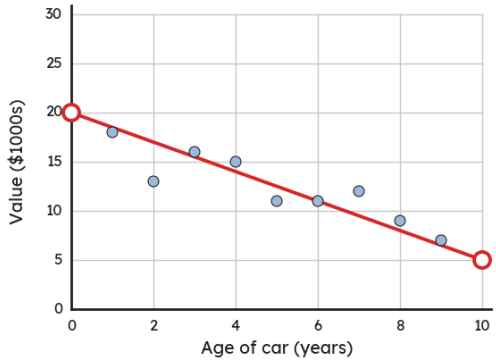
Interpreting Scatter Plots - Medium

The line on each scatter plot is a trend line. Write its equation using the two marked points. Then make the prediction.

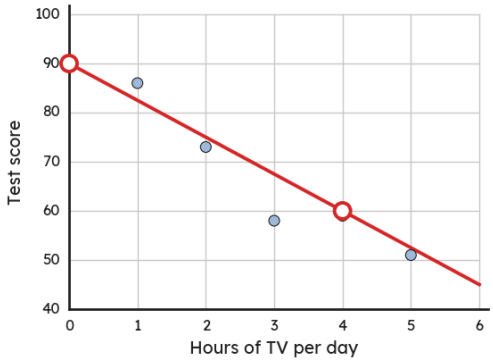
7. Predict the test score when x = 6.



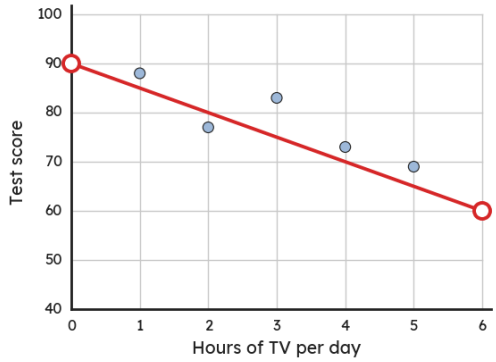
8. Predict the value when x = 6.



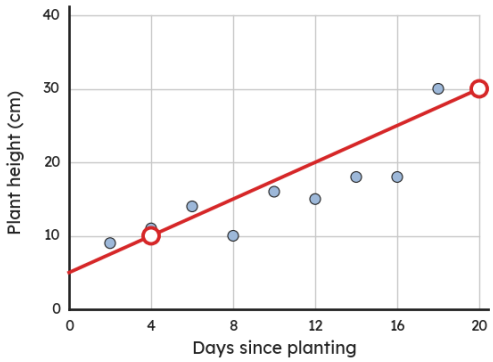
9. Predict the test score when x = 6.



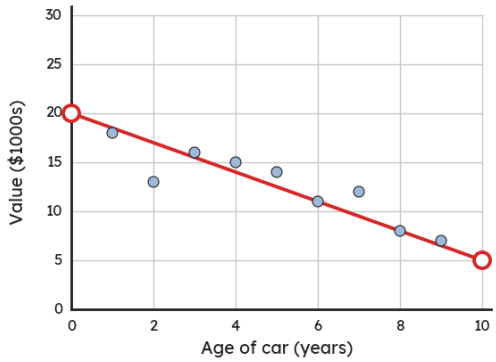
10. Predict the test score when x = 6.



11. Predict the plant height when x = 8.

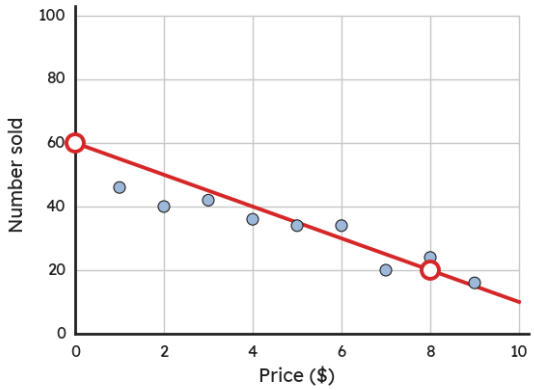


12. Predict the value when x = 1.



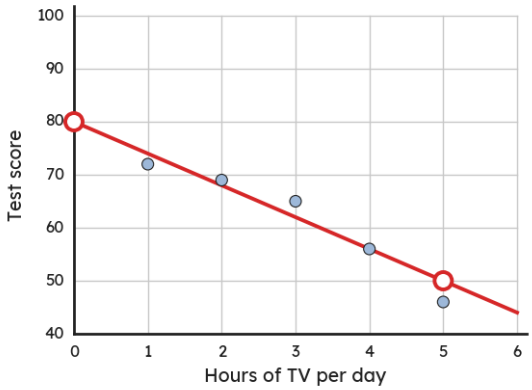
Interpreting Scatter Plots - Medium - Answer Key

1. Predict the number sold when x = 5.



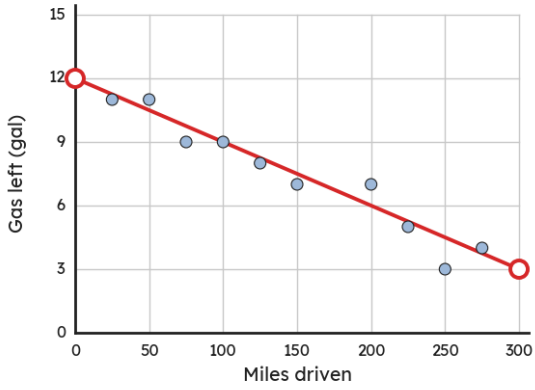
y = -5x + 60; about 35

2. Predict the test score when x = 6.



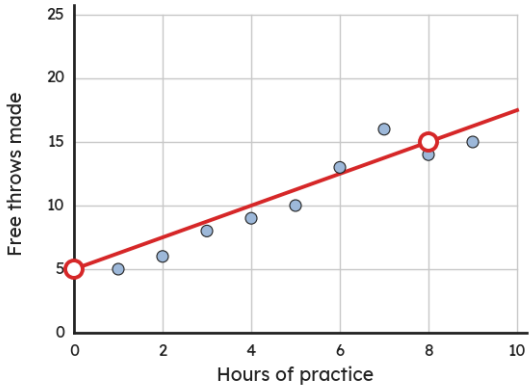
y = -6x + 80; about 44

3. Predict the gas left when x = 275.



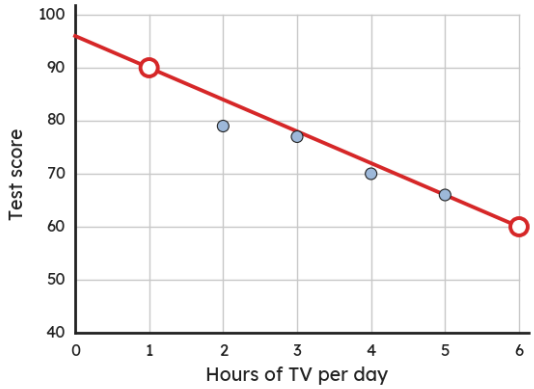
y = -0.03x + 12; about 3.75

4. Predict the free throws made when x = 3.



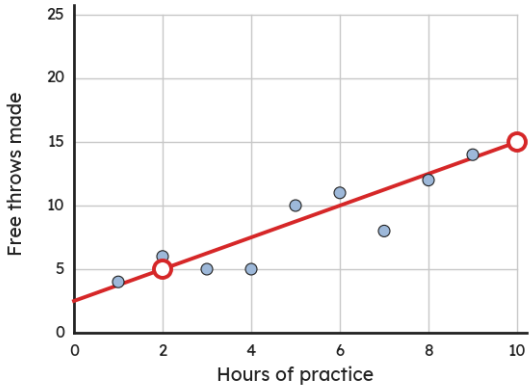
y = 1.25x + 5; about 8.75

5. Predict the test score when x = 0.



y = -6x + 96; about 96

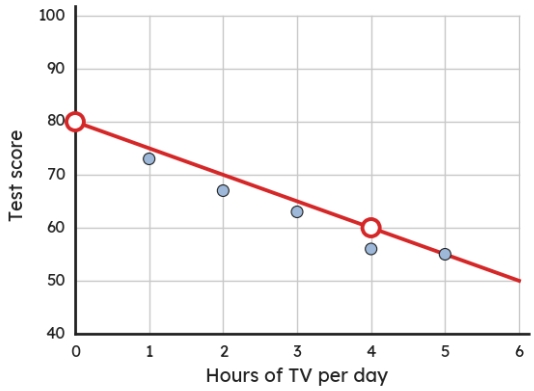
6. Predict the free throws made when x = 6.



y = 1.25x + 2.5; about 10

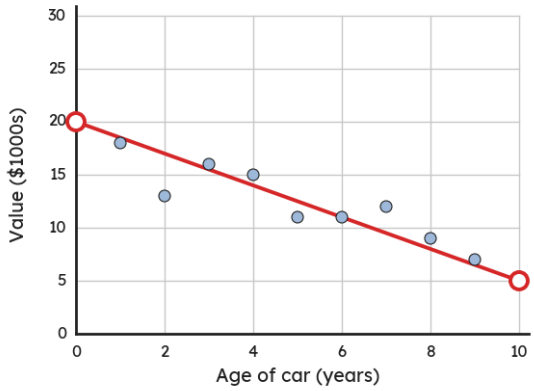
Interpreting Scatter Plots - Medium - Answer Key

7. Predict the test score when x = 6.



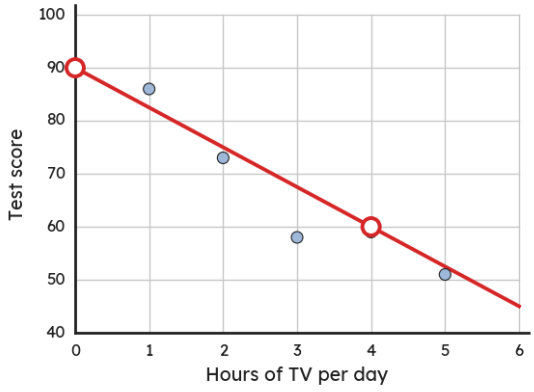
y = -5x + 80; about 50

8. Predict the value when x = 6.



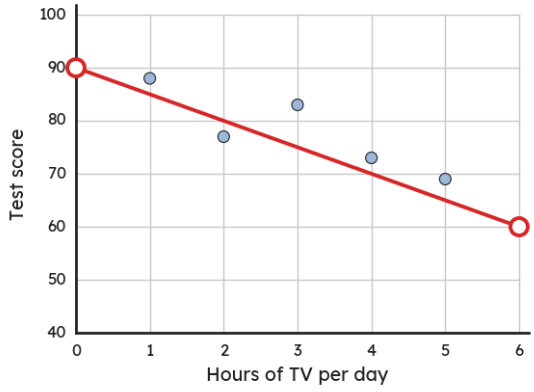
y = -1.5x + 20; about 11

9. Predict the test score when x = 6.



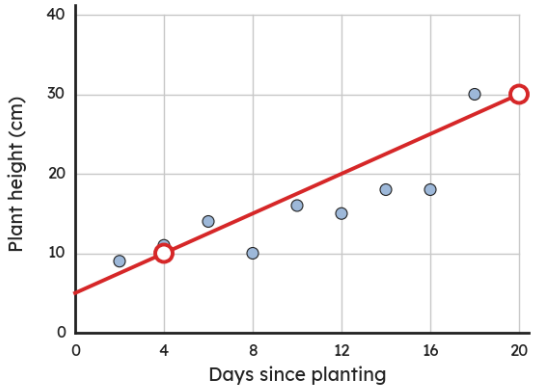
y = -7.5x + 90; about 45

10. Predict the test score when x = 6.



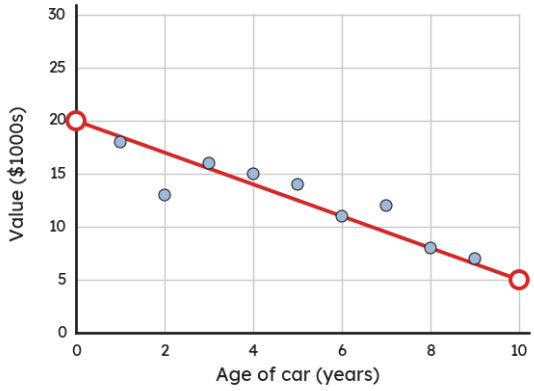
y = -5x + 90; about 60

11. Predict the plant height when x = 8.



y = 1.25x + 5; about 15

12. Predict the value when x = 1.



y = -1.5x + 20; about 18.5