

Chapter 9 – Activity 1 - Question 3

Page 168-169

- 3 Two computer gaming centres charge for games in different ways.



- a Fill in the cost of games for both gaming centres on the table.

No of games	1	2	3	4	5	6	7	8	9	10	11	12
I Love Games (\$)	15	20										
Play Today (\$)	33	36										



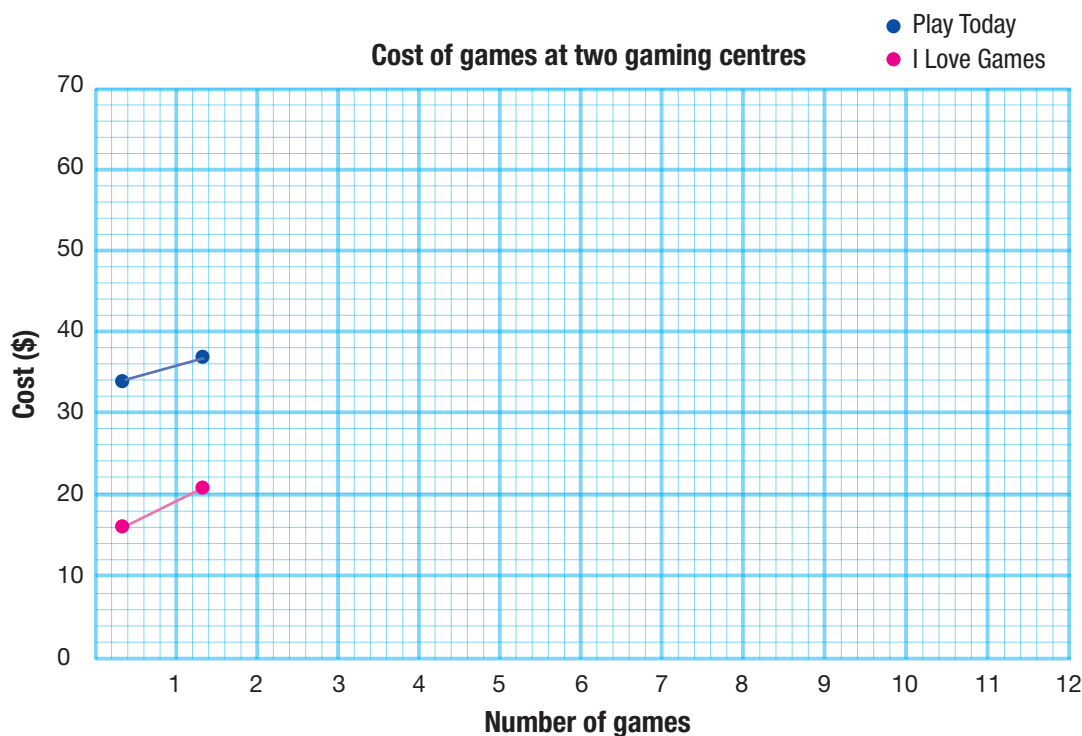
- b Use your table to complete all of the ordered pairs for the table. They have been started for you.

I Love Games (1, 15), (2, 20), (3, _____), ... (12, _____)

Play Today (1, 33), (2, 36), (3, _____), ... (12, _____)

When graphing ordered pairs, the first number is the horizontal coordinate and the second is the vertical coordinate.

- c Use your ordered pairs to plot the coordinates on these axes.



- d At which gaming centre is it cheaper to play 8 games?
- e How many games do you have to play before it is cheaper at Play Today?
- f Write an expression for the cost of the games at each centre using n for the number of games played.