Answers to page 110-111 #12 to 18

12.   1 metre

13.   250 parasols

14.   a)   1.   18 metres   2.   3 seconds

        b)   4 seconds after it was thrown

15.   Vertex (20, 40)   Dimensions are 20 metres by 20 metres

16.   The ball is thrown from a height of 2 metres.

17.   Alex is 2 metres from the net.

18. $f(x) = -2(x-1.6)^2 + 5.12$