x2 + 2x = 20

|  |  |  |
| --- | --- | --- |
| x | x2 + 2x | comment |
| 433.53.73.63.55 | 241519.2521.0920.1619.7025 | Too bigToo smallToo smallToo bigToo bigToo small |

x is between 3.55 and 3.6

x = 3.6 (1 d.p.)

x2 + 2x = 20

|  |  |  |
| --- | --- | --- |
| x | x2 + 2x | comment |
| 43.33.43.53.653.553.6 | 2417.4918.3619.2520.622519.702520.16 | Too bigToo smallToo smallToo smallToo bigToo smallToo big |

x = 3.6 (1 d.p.)

The length of one side of a rectangle is x.

This equation shows the area of the rectangle: x(x + 2) = 70

Find the value of x correct to 1 decimal place.

Show your working. You may find the following table useful:

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