1. A small messenger company can only deliver in a small part of the city. Write an equation for the boundary where the company delivers, and find its radius.

[A] \((x - 1)^2 + (y - 3)^2 = 49\); \(r = 7\) blocks

[B] \((x - 1)^2 + (y - 3)^2 = 49\); \(r = 49\) blocks

[C] \((x + 3)^2 + (y + 1)^2 = 98\); \(r = 49\) blocks

[D] \((x + 3)^2 + (y + 1)^2 = 98\); \(r = 7\) blocks

2. A small messenger company can only deliver in a small part of the city. Write an equation for the boundary where the company delivers, and find its radius.

[A] \((x - 5)^2 + (y - 5)^2 = 50\); \(r = 25\) blocks

[B] \((x - 5)^2 + (y - 5)^2 = 50\); \(r = 5\) blocks

[C] \((x + 5)^2 + (y + 5)^2 = 25\); \(r = 5\) blocks

[D] \((x + 5)^2 + (y + 5)^2 = 25\); \(r = 25\) blocks

3. A small messenger company can only deliver in a small part of the city. Write an equation for the boundary where the company delivers, and find its radius.

[A] \((x + 2)^2 + (y - 1)^2 = 128\); \(r = 64\) blocks

[B] \((x + 2)^2 + (y - 1)^2 = 128\); \(r = 8\) blocks

[C] \((x + 1)^2 + (y - 2)^2 = 64\); \(r = 64\) blocks

[D] \((x + 1)^2 + (y - 2)^2 = 64\); \(r = 8\) blocks

4. A small messenger company can only deliver in a small part of the city. Write an equation for the boundary where the company delivers, and find its radius.

[A] \((x - 2)^2 + (y + 4)^2 = 36\); \(r = 6\) blocks

[B] \((x - 2)^2 + (y + 4)^2 = 36\); \(r = 36\) blocks

[C] \((x - 4)^2 + (y + 2)^2 = 72\); \(r = 36\) blocks

[D] \((x - 4)^2 + (y + 2)^2 = 72\); \(r = 6\) blocks
5. A certain low-watt radio station is able to be heard in a small part of the city. Write an equation for the boundary where the radio station can be heard, and find its radius.

8. A certain low-watt radio station is able to be heard in a small part of the city. Write an equation for the boundary where the radio station can be heard, and find its radius.

6. A certain low-watt radio station is able to be heard in a small part of the city. Write an equation for the boundary where the radio station can be heard, and find its radius.

9. A certain low-watt radio station is able to be heard in a small part of the city. Write an equation for the boundary where the radio station can be heard, and find its radius.

7. A certain low-watt radio station is able to be heard in a small part of the city. Write an equation for the boundary where the radio station can be heard, and find its radius.

10. A certain low-watt radio station is able to be heard in a small part of the city. Write an equation for the boundary where the radio station can be heard, and find its radius.
[1] \((x+1)^2 + (y-6)^2 = 16; \) radius = 4 blocks

[2] \((x+3)^2 + (y+3)^2 = 49; \) radius = 7 blocks

[3] \((x+6)^2 + (y-2)^2 = 16; \) radius = 4 blocks

[4] \((x-5)^2 + (y+2)^2 = 25; \) radius = 5 blocks

[5] \((x+1)^2 + (y-6)^2 = 16; \) radius = 4 blocks

[6] \((x+3)^2 + (y+3)^2 = 49; \) radius = 7 blocks

[7] \((x+6)^2 + (y-2)^2 = 16; \) radius = 4 blocks

[8] \((x-5)^2 + (y+2)^2 = 25; \) radius = 5 blocks

[9] \((x)^2 + (y-3)^2 = 49; \) radius = 7 blocks

[10] \((x-1)^2 + (y+1)^2 = 81; \) radius = 9 blocks