Use the diagrams below to create a rectangle with the area/perimeter shown. Each SVGREPLACE = 1 unit(u). Answer with the length and height. Answers will vary.

1) Area of 8 square units.
-•• • • • • • • • - - - - $\quad$ - - $\quad$ -- - - - • - - -- $-0 \cdot 0 \cdot 0 \cdot 0$ - - - - - $\rightarrow$ - 0 - 0 - 0 - 0
 - - - - - - - - -- 0 -- • - • • •
2) Perimeter of 34 units.

3) Area of 3 square units.

4) Perimeter of 22 units.

- 0 - 0 - 0 -- - - - $\bullet$ - -- - - • - • - -- - - 0 - 0 -- $\quad$ -- - - 0 - - • - -- - - - $\quad$ - - -- - - - - - -- - • • • • -

5) Area of 24 square units.

-     - • • - - -- - - 0 - $\bullet$ -- - - - • - • - 0 - 0 - -- - • • • • • • - - - • • • • -
 - • - - • - $\quad$ - $-\odot \circ$ - - - • - • •

8) Area of 1 square units.

9) Area of 12 square units. - - • • - $\bullet$ -- 0 - 0 - $0-0$ - $-0 \cdot 0$ - 0 -- - - - 0 - -- - - - -- $-0 \cdot 0 \cdot 0 \cdot 0$ - 0 - 0 - 0 -- 0 - 0 - 0 -- 0 - 0 - -
 - - - - - - -
10) Perimeter of 36 units.

-     -         -             -                 -                     -                         - -- - - $-\odot-\bullet$ - - - 0 - 0 -- - - 0 - 0 -- $0 \cdot 0 \cdot 0 \cdot 0 \cdot 0$ - 0 - 0 - 0 -- 0 - 0 - - -- - - 0 - 0 -- - - - -- - - $0 \cdot 0 \cdot 0$ - - - 0 -

9) Area of 5 square units.



Answers
12. $\quad$ =6u
10) Perimeter of 18 units.

11) Area of 63 square units.
12) Perimeter of 6 units.


4) Perimeter of 34 units.

7) Area of 3 square units.

2) Perimeter of 22 units.

- 0 - 0 - -- - - - - $\bullet$ -- - - • - • - -- - - - -- - • - • $\bullet \cdot$ - - - - - - - - -- 0 - 0 - 0 -- - - $\quad$ - $-\bullet$ -- - - - - - -

5) Area of 24 square units.
 - - - - • - • -- - - • - • -- - - 0 - - -- $\cdot$ - • • • • - - • • • • • • - $-0 \cdot 0 \cdot 0-0 \cdot$ - - 0 - $0 \cdot 0 \cdot 0$ - - • • • • • - $\cdot$ - - - - -- - - - • - • -
6) Area of 1 square units.

7) Area of 12 square units. - - • - ○ - - -- $-\odot \bullet \bullet \bullet \bullet-$ - 0 - 0 - -- - - - -- $\cdot$ - $-\bullet \bullet \bullet$
 - $0 \cdot 0 \cdot 0 \cdot 0 \cdot 0$
 - 0 - 0 - -1


8) Perimeter of 36 units.

-     -         - • - - - -
 - - - $-\bullet \bullet$ -- 0 - 0 - 0 -- - - 0 - $-\odot$ - 0 - 0 - 0 -- $0 \cdot 0 \cdot 0-0 \cdot 0$ - - - 0 - $-\bigcirc$ - - - - -- $-\odot-0 \cdot 0 \cdot 0$ - - - - - -

9) Area of 5 square units.


| 1. | $=8 u^{2}$ |
| :---: | :---: |
| 2. | $=22 \mathrm{u}$ |
| 3. | $=12 \mathrm{u}^{2}$ |
| 4. | $=34 \mathrm{u}$ |
| 5. | $=24 u^{2}$ |
| 6. | =36u |
| 7. | $=3 u^{2}$ |
| 8. | $=1 u^{2}$ |
| 9. | $=5 u^{2}$ |
| 10. | =18u |
| 11. | $=63 \mathrm{u}^{2}$ |
| 12. | $=6 \mathrm{ul}$ |

10) Perimeter of 18 units.

11) Area of 63 square units.
12) Perimeter of 6 units.

| - | - | - | - | - | - | - | - | - |  | - | - | - | - |  |  | - |  |  | - | - | - |  | - |
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| - | - | - | - | - | - | - | - | - |  | - | - | - | - |  |  | - |  |  | - | - | - |  | - |
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| - | - | - | - | - | - | - | - |  |  | - | - | - | 0 |  |  | - |  |  | - | - | - | - | - |


| Answer Key |
| :--- |
| $\underline{\text { Answers }}$ |

