



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Area Of Combined Rectangles

*Solve for x. Show your work.*

1. {Two rectangles are stacked. Both have width 6. Heights are 4 and 6. Find total area.}
2. {Two rectangles are stacked. Both have width 3. Heights are 3 and 3. Find total area.}
3. {Two rectangles are stacked. Both have width 3. Heights are 3 and 4. Find total area.}
4. {An L-shaped figure has: Bottom part: }  $8 \times 3$ , {Top part: }  $6 \times 5$ . {What is the total area?}
5. {An L-shaped figure has: Bottom part: }  $5 \times 2$ , {Top part: }  $2 \times 3$ . {What is the total area?}
6. {An L-shaped figure has: Bottom part: }  $6 \times 5$ , {Top part: }  $2 \times 2$ . {What is the total area?}
7. {Two rectangles are stacked. Both have width 4. Heights are 5 and 4. Find total area.}
8. {An L-shaped figure has: Bottom part: }  $8 \times 2$ , {Top part: }  $5 \times 5$ . {What is the total area?}



## Area Of Combined Rectangles – Answer Key

1. {Two rectangles are stacked. Both have width 6. Heights are 4 and 6. Find total area.}

**60 square units**

2. {Two rectangles are stacked. Both have width 3. Heights are 3 and 3. Find total area.}

**18 square units**

3. {Two rectangles are stacked. Both have width 3. Heights are 3 and 4. Find total area.}

**21 square units**

4. {An L-shaped figure has: Bottom part: }  $8 \times 3$ , {Top part: }  $6 \times 5$ . {What is the total area?}

5. {An L-shaped figure has: Bottom part: }  $5 \times 2$ , {Top part: }  $2 \times 3$ . {What is the total area?}

6. {An L-shaped figure has: Bottom part: }  $6 \times 5$ , {Top part: }  $2 \times 2$ . {What is the total area?}

7. {Two rectangles are stacked. Both have width 4. Heights are 5 and 4. Find total area.}

**36 square units**

8. {An L-shaped figure has: Bottom part: }  $8 \times 2$ , {Top part: }  $5 \times 5$ . {What is the total area?}

**16 square units**

freshmath.org **34 square units**