**Area & Perimeter of Rectangles & Triangles Practice**

1. Answer the 4 questions related to the equations.

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| A) What are the equations used to calculate the area and perimeter of a rectangle? | B) What are the equations used to calculate the area and perimeter of a triangle? |
| C) Label the rectangle with the parts used in the equations.  | D) Label the triangle with the parts used in the equations. |

2. For the following shapes, draw it, then calculate both the area of each.

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| a) Rectangle: L = 4m; w = 350 cm | b) Triangle: b = 65 mm; h = 125 cm  |
| c) Triangle: b = 1.3 m; h = 60 mm | d) Rectangle: L = 0.25 m; w = 25 cm  |
| e) Rectangle: L = 560 mm; w = 0.15 m | f) Triangle: b = 6.5 cm; h = 0.5 m  |

**Word Problems for Area & Perimeter**

3. For each problem, identify whether the question is asking you to find the area (amount inside) or the perimeter (distance around the outside). Then, solve the problem.

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| 1. Lisa is buying a cover for her patio table. If the table is 5 feet on all sides, what is the area of the cover?
 | 1. A farmer needs to buy fencing to go around his garden. The garden is 200 feet long by 150 feet wide. How much fencing will he need?
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| 1. Mr. Hample is putting a new patio in his backyard. The patio will measure 16 ft by 11 ft. He is planning to put a brick border around the patio. How many feet of brick will he have for the border?
 | 1. Abby is going to ride her bike to her friend’s house that is 2.3 miles away. Then she is going to ride her bike another 3.4 miles to Starbucks before heading home, which is another 3.8 miles. She noticed on the map that her route is in the shape of a triangle. How far will Abby ride her bike altogether?
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| 1. Brendan is going to paint a wall that measures 10 feet tall by 13 feet wide. The wall has two windows that are 2.5 feet wide by 4 feet tall. What is the area of the wall that he is going to paint? (Think about this one, will he paint the windows?)
 | 1. Joanna created a triangular shaped vegetable garden and needs to put down fertilizer to cover the space. If the garden has a base of 1.4 m and a height of 2.6 m, how much fertilizer will she need?
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