



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

# Area and Perimeter

1. Ava wants to build an outside pen for her turtle. She wants it to have an area of 36 square meters. Draw 3 different pens around her turtle. Label the side lengths. They must have an area of 36 square meters, but with different side lengths. Find the perimeter for each pen.





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## Area and Perimeter

2. Axel is building a doghouse for his beloved Rover. He wants it to have an area of 48 square feet. Which side lengths below can he NOT use for the doghouse? Circle all that apply.

- a) 9 feet by 5 feet
- b) 8 feet by six feet
- c) 2 feet by 24 feet
- d) 7 feet by 6 feet
- e) 12 meters by 4 meters

3. Madison buys a pen for her rabbit with a floor area of 32 square feet. Find the perimeter of her pen. Show your work inside the pen.

8 ft.

