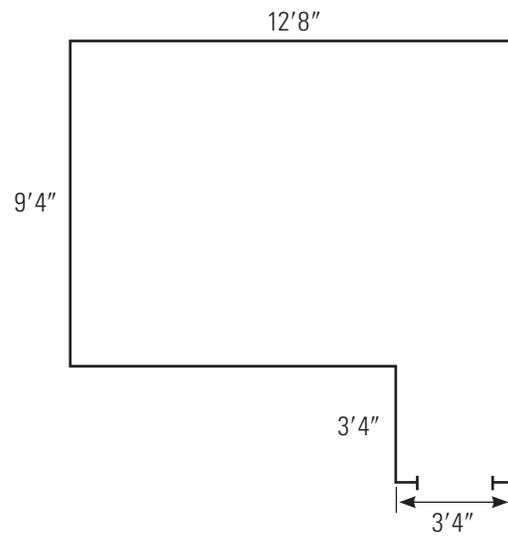


4. Mario is laying tiles for the patio below and planting daffodils around the perimeter.



- a) Assuming he needs to buy 10% more than the area due to wastage, how many $12''$ by $12''$ tiles will he need?

- b) How many daffodils will he plant around the perimeter if there are no daffodils along the entrance and he plants them approximately 1 foot apart?

5. Louise needs to give the exterior of a cylindrical granary 2 coats of paint. If the granary is 10 feet tall and has a diameter of 14 feet, and paint covers approximately 375 square feet per gallon, how many gallons of paint will she need to buy? Assume that she can only buy full gallons, and will not be painting the roof.
6. Roberto is painting the exterior of a rectangular storage unit to protect it from rusting. If the unit is 7'6" wide, 9'8" long, and 8'2" tall, what is the surface area in square feet? Roberto will be painting the sides and the roof.

10. In the US, milk is commonly sold in jugs of 1 gal, $\frac{1}{2}$ gal, 1 quart, and $\frac{1}{2}$ pint. What are the equivalent sizes in millilitres?

11. A recipe for pumpkin cheesecake calls for a 5-US fl oz can of evaporated milk.

a) What is this in cups?

b) What is this in mL?