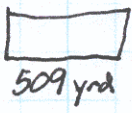
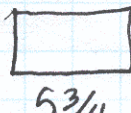
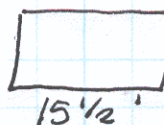


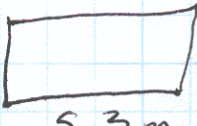
# 3-4-4 Rectangles


 345 yds area  
 509 yds  
 $509 \cdot 345 = 173605 \text{ sq yds}$   
 Perimeter  $2(509) + 2(345) = 1708 \text{ yds}$

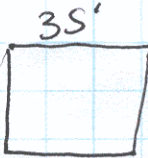

 3 1/2 Area  $5 \frac{3}{4} \cdot 3 \frac{1}{2} = \frac{23}{4} \cdot \frac{7}{2} = 20 \frac{1}{8} \text{ sq in}$   
 5 3/4  
 Perimeter  $2(5 \frac{3}{4}) + 2(3 \frac{1}{2}) = 2 \cdot \frac{23}{4} + 2 \cdot \frac{7}{2} = \frac{23}{2} + 7 = 18 \frac{1}{2} \text{ in}$

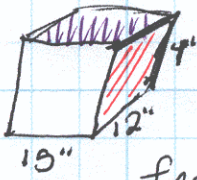
(b) 
 12 2/3' Area  $12 \frac{2}{3} \cdot 15 \frac{1}{2} = \frac{38}{3} \cdot \frac{31}{2} = 196 \frac{1}{3} \text{ sq ft}$   
 15 1/2'  
 $196 \frac{1}{3} \div 4 = 49 \frac{1}{6}$  49 plants

Perimeter  $2 \cdot 12 \frac{2}{3} + 2 \cdot 15 \frac{1}{2} = 56 \frac{1}{3} \text{ ft}$  6 in = 1/2 ft  
 $56 \frac{1}{3} \div \frac{1}{2} = 112 \frac{2}{3}$  112 marigolds

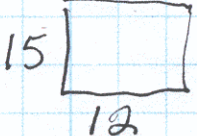

 3/4(5.3) = 3.975 m Fence is perimeter.  
 5.3 m  $2l + 2w = 2(5.3) + 2(3.975) = 18.55 \text{ m of fence}$

Area  $5.3(3.975) = 21.0675 \text{ sq m}$   
 $21.0675 \div 3 = 7.0225$  7 or 8 bags.  
 (are you going to skip or cover well?)

(c) 
 35' Area  $35 \cdot 60 = 2100 \text{ sq ft}$   $2000 \div 2100 = 3.81$   
 60' 3 full times for one gallon  
 Perimeter  $2 \cdot 35 + 2 \cdot 60 = 190 \text{ ft}$   
 (ignore doors & outward arrangements)  $190 \div 1.5 = 126.67$  126 chains


 The area of the top and bottom is  $15 \cdot 12 = 180 \text{ sq in}$   
 sides  $12 \cdot 4 = 48 \text{ sq in}$   
 front + back  $15 \cdot 4 = 60 \text{ sq in}$   
 $360 \text{ sq in}$  for top & bottom together  
 $96 \text{ sq in}$  for both side S  
 $120 \text{ sq in}$   
 $576 \text{ sq in}$  wrapping paper (no overlap)

for ribbon the long way


 15  
 12  
 $2 \cdot 15 + 2 \cdot 12 = 54 \text{ in.}$