

Name: _____

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14. Mr. Young is replacing the fencing around his rabbit pens and garden. The table shows the dimensions of the different areas. How many feet of fencing will he need to replace two rabbit pens and his garden? The perimeter of a rectangle is $2\ell + 2w$, where ℓ is the length and w is the width.

Item	Length (ft)	Width (ft)
Rabbit Pen	3.5	4.5
Garden	12	10

Perimeter =

15. Angel is comparing the price to print shirts for summer camp at two companies. Company A charges an initial fee of \$50 and \$12 per shirt. Company B charges an initial fee of \$10 and \$15 per shirt. Evaluate the expressions $50 + 12x$ and $10 + 15x$ for $x = 40$ to find the total cost to print 40 shirts at each company. What is the difference in cost between the companies?

Company A Cost =

Company B Cost =

Total Cost =

Difference in cost between the companies =