

Cardboard box factory worksheet — Answer key

Directions: Use the following table to record the results from the previous page.

Net #1		
Side A	Length = 2 ft.	
	Width = 2 ft.	Area Side A = 4 ft. ²
Side B	Length = 7 ft.	
	Width = 2 ft.	Area Side B = 14 ft. ²
Side C	Length = 2 ft.	
	Width = 2 ft.	Area Side C = 4 ft. ²
Side D	Length = 7 ft.	
	Width = 3 ft.	Area Side D = 21 ft. ²
Side E	Length = 7 ft.	
	Width = 2 ft.	Area Side E = 14 ft. ²
Side F	Length = 7 ft.	
	Width = 3 ft.	Area Side F = 21 ft. ²
		Total Surface Area = 78 ft.²
Net #2		
Side A	Length = 6 ft.	
	Width = 3 ft.	Area Side A = 18 ft. ²
Side B	Length = 3 ft.	
	Width = 4 ft.	Area Side B = 12 ft. ²
Side C	Length = 6 ft.	
	Width = 4 ft.	Area Side C = 24 ft. ²
Side D	Length = 3 ft.	
	Width = 4 ft.	Area Side D = 12 ft. ²
Side E	Length = 6 ft.	
	Width = 3 ft.	Area Side E = 18 ft. ²
Side F	Length = 6 ft.	
	Width = 4 ft.	Area Side F = 24 ft. ²
		Total Surface Area = 108 ft.²
Net #3		
Side A	Length = 3 ft.	
	Width = 5 ft.	Area Side A = 15 ft. ²
Side B	Length = 3 ft.	
	Width = 2 ft.	Area Side B = 6 ft. ²
Side C	Length = 2 ft.	
	Width = 5 ft.	Area Side C = 10 ft. ²
Side D	Length = 3 ft.	
	Width = 5 ft.	Area Side D = 15 ft. ²
Side E	Length = 2 ft.	
	Width = 5 ft.	Area Side E = 10 ft. ²
Side F	Length = 3 ft.	
	Width = 2 ft.	Area Side F = 6 ft. ²
		Total Surface Area = 62 ft.²