



Percentage of Defective Components in Factories

	Year 1		Year 2		Year 3	
	Units Produced	Defects (%)	Units Produced	Defects (%)	Units Produced	Defects (%)
Factory A	12,000	10	14,000	8	16,000	6
Factory B	23,000	5	20,000	5	25,000	3
Factory C	14,000	3	14,000	9	12,000	5
Factory D	13,000	12	25,000	12	27,000	6
Factory E	21,000	15	16,000	12	20,000	6

Question 31

Which factory produced the largest number of defective components in Year 1?

- ☐ Factory A
- ☐ Factory B
- ☐ Factory C
- ☐ Factory D
- ☐ Factory E

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Question 32

If the trends in the proportion of defectives and units produced per year for Factory A continue, how many defects would be expected from Factory A in Year 5?

☐ 200

☐ 400

☐ 600

☐ 800

☐ 1000

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