

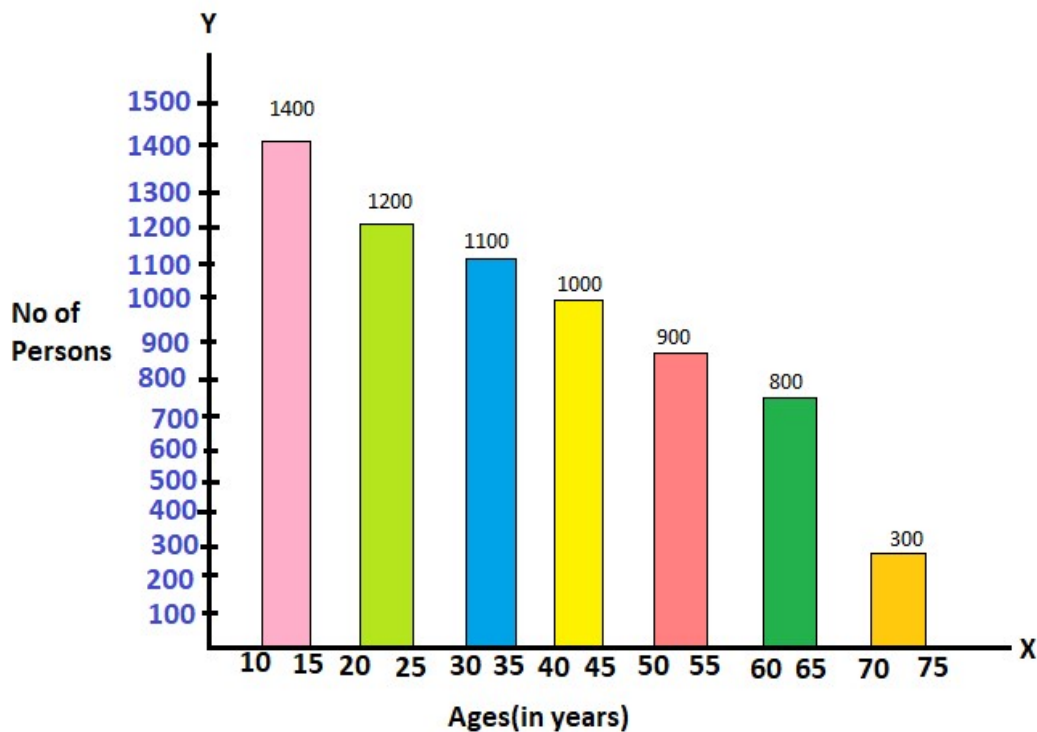


SATISH CHANDRA MEMORIAL SCHOOL

IX CASE STUDY (Statistics)

Read the case study given below and then answer the questions that follow:

A health care survey was done by the state health and family welfare care board of the state of Himachal Pradesh. The data is collected by forming age groups: i.e; 10- 15, 15- 20, 20- 25, and so on. The overall data from a town is given below in the form of graph. Read the data carefully and answer the following questions:

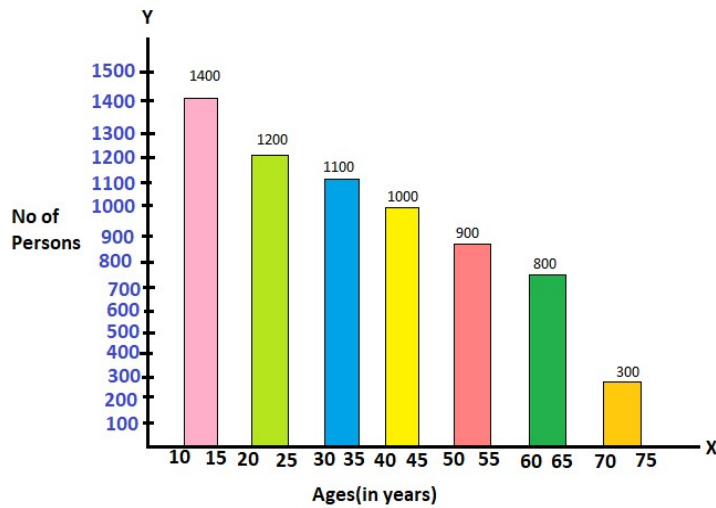


1. What is the percentage of the youngest age group persons over those in the oldest age group?
 - a) 400.56%
 - b) 466.67%
 - c) 500%
 - d) 500.67%
2. What is the total population of the town?
 - a) 6800
 - b) 7000
 - c) 6700
 - d) 6600



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- How many persons are more than in the age group 10-15 than the age group 30-35 ?
 - 100
 - 200
 - 250
 - 300
- What is the age group of exactly 1200 persons living in the town?
 - 20-25
 - 10-15
 - 15-20
 - 25-30
- What is the total number of persons living in the town in the age groups 10-15 and 60-65 ?
 - 2100
 - 2000
 - 2200
 - 2400

Answer:

1. $\frac{1400}{300} \times 100\% = 466.67\%$
5. $(1400+800)=2200$

2. 6700

3. $(1400-1100)=300$

4. 20-25