



QUESTION



QUESTION



QUESTION



QUESTION

1. The following table shows the number of employees in each of the departments of a company for the years 2010 to 2014.

Calculate the percentage change in the number of employees in the company from 2010 to 2014.

- A 10.0%
 - B 12.5%
 - C 15.0%
 - D 17.5%
 - E 20.0%
- A 10.0%
 - B 12.5%
 - C 15.0%
 - D 17.5%
 - E 20.0%

2. The following table shows the number of employees in each of the departments of a company for the years 2010 to 2014.

Calculate the percentage change in the number of employees in the company from 2010 to 2014.

ANSWER

1. The following table shows the number of employees in each of the departments of a company for the years 2010 to 2014.

- A 10.0%
- B 12.5%
- C 15.0%
- D 17.5%
- E 20.0%

2. The following table shows the number of employees in each of the departments of a company for the years 2010 to 2014.

Calculate the percentage change in the number of employees in the company from 2010 to 2014.

ANSWER

1. The following table shows the number of employees in each of the departments of a company for the years 2010 to 2014.



RESEARCH: A systematic process of inquiry and investigation to discover new knowledge or to verify existing knowledge. It involves identifying a problem, gathering data, analyzing it, and drawing conclusions. Research is a key component of the scientific method and is used in various fields, including science, medicine, social sciences, and business.



QUESTION

QUESTION: [Faded text describing a scenario or problem]

ANSWER

ANSWER: [Faded text providing the solution or explanation]

QUESTION



QUESTION: [Faded text describing a scenario or problem]

ANSWER

ANSWER: [Faded text providing the solution or explanation]



QUESTION: A company is considering a new product line. The initial investment is \$100,000. The expected cash flows are \$30,000 per year for 5 years. The discount rate is 10%. What is the NPV of the project?

ANSWER: To calculate the NPV, we need to discount the cash flows back to their present value and then subtract the initial investment. The formula for NPV is:

$$NPV = \sum_{t=1}^n \frac{CF_t}{(1+r)^t} - I_0$$

where CF_t is the cash flow in year t , r is the discount rate, and I_0 is the initial investment.

Plugging in the values:

$$NPV = \frac{30,000}{1.1} + \frac{30,000}{1.1^2} + \frac{30,000}{1.1^3} + \frac{30,000}{1.1^4} + \frac{30,000}{1.1^5} - 100,000$$

Calculating the NPV:

$$NPV = 27,273 + 24,793 + 22,539 + 20,490 + 18,718 - 100,000$$

$$NPV = 113,813 - 100,000 = 13,813$$

The NPV of the project is \$13,813.

QUESTION

1. The following table shows the number of people who attended a concert in each of the five years from 2010 to 2014. The number of people who attended the concert in 2010 was 1000. The number of people who attended the concert in 2011 was 1200. The number of people who attended the concert in 2012 was 1500. The number of people who attended the concert in 2013 was 1800. The number of people who attended the concert in 2014 was 2000.

ANSWER

2. The following table shows the number of people who attended a concert in each of the five years from 2010 to 2014. The number of people who attended the concert in 2010 was 1000. The number of people who attended the concert in 2011 was 1200. The number of people who attended the concert in 2012 was 1500. The number of people who attended the concert in 2013 was 1800. The number of people who attended the concert in 2014 was 2000.

3. The following table shows the number of people who attended a concert in each of the five years from 2010 to 2014. The number of people who attended the concert in 2010 was 1000. The number of people who attended the concert in 2011 was 1200. The number of people who attended the concert in 2012 was 1500. The number of people who attended the concert in 2013 was 1800. The number of people who attended the concert in 2014 was 2000.

4. The following table shows the number of people who attended a concert in each of the five years from 2010 to 2014. The number of people who attended the concert in 2010 was 1000. The number of people who attended the concert in 2011 was 1200. The number of people who attended the concert in 2012 was 1500. The number of people who attended the concert in 2013 was 1800. The number of people who attended the concert in 2014 was 2000.

- 1000
- 1200
- 1500
- 1800
- 2000
- 2200
- 2500
- 2800
- 3000
- 3200
- 3500
- 3800
- 4000

5. The following table shows the number of people who attended a concert in each of the five years from 2010 to 2014. The number of people who attended the concert in 2010 was 1000. The number of people who attended the concert in 2011 was 1200. The number of people who attended the concert in 2012 was 1500. The number of people who attended the concert in 2013 was 1800. The number of people who attended the concert in 2014 was 2000.

6. The following table shows the number of people who attended a concert in each of the five years from 2010 to 2014. The number of people who attended the concert in 2010 was 1000. The number of people who attended the concert in 2011 was 1200. The number of people who attended the concert in 2012 was 1500. The number of people who attended the concert in 2013 was 1800. The number of people who attended the concert in 2014 was 2000.



QUESTION 1

1. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

QUESTION 2

2. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

3. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

4. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

5. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

QUESTION 3

6. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

7. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

8. The following table shows the results of a survey of 100 people. The table shows the number of people who chose each option for each of the three categories. The table is as follows:

QUESTION



ANSWER

- 1. 40%
- 2. 20%
- 3. 20%
- 4. 20%

The pie chart shows the distribution of a total value of 100. The largest segment is grey, representing 40%. The other three segments (small grey, blue, and light blue) each represent 20% of the total.

QUESTION

What is the value of the largest segment in the pie chart?

ANSWER

The largest segment in the pie chart is grey, representing 40% of the total value of 100. Therefore, the value of the largest segment is 40.

The total value is 100. The largest segment is 40% of 100, which is 40.

Therefore, the value of the largest segment is 40.

QUESTION

The pie chart shows the distribution of a total value of 100. The largest segment is grey, representing 40% of the total. The other three segments (small grey, blue, and light blue) each represent 20% of the total.

