

TCS NQT

2025

NUMERICAL ABILITY

A shirt originally priced at \$80 is on sale for 30% off. During a promotion, an additional 15% is taken off the sale price. What is the final price of the shirt?

- A) \$44.00**
- B) \$47.60**
- C) \$56.00**
- D) \$52.36**



EXPLANATION

Answer: B) \$47.60

Explanation: Original price = \$80 After 30% discount: $\$80 \times 0.7 = \56 After additional 15% discount: $\$56 \times 0.85 = \47.60

The ratio of men to women in a club is 3:5. If there are 24 men, how many women are there?

A) 40

B) 36

C) 45

D) 15



EXPLANATION

Answer: A) 40

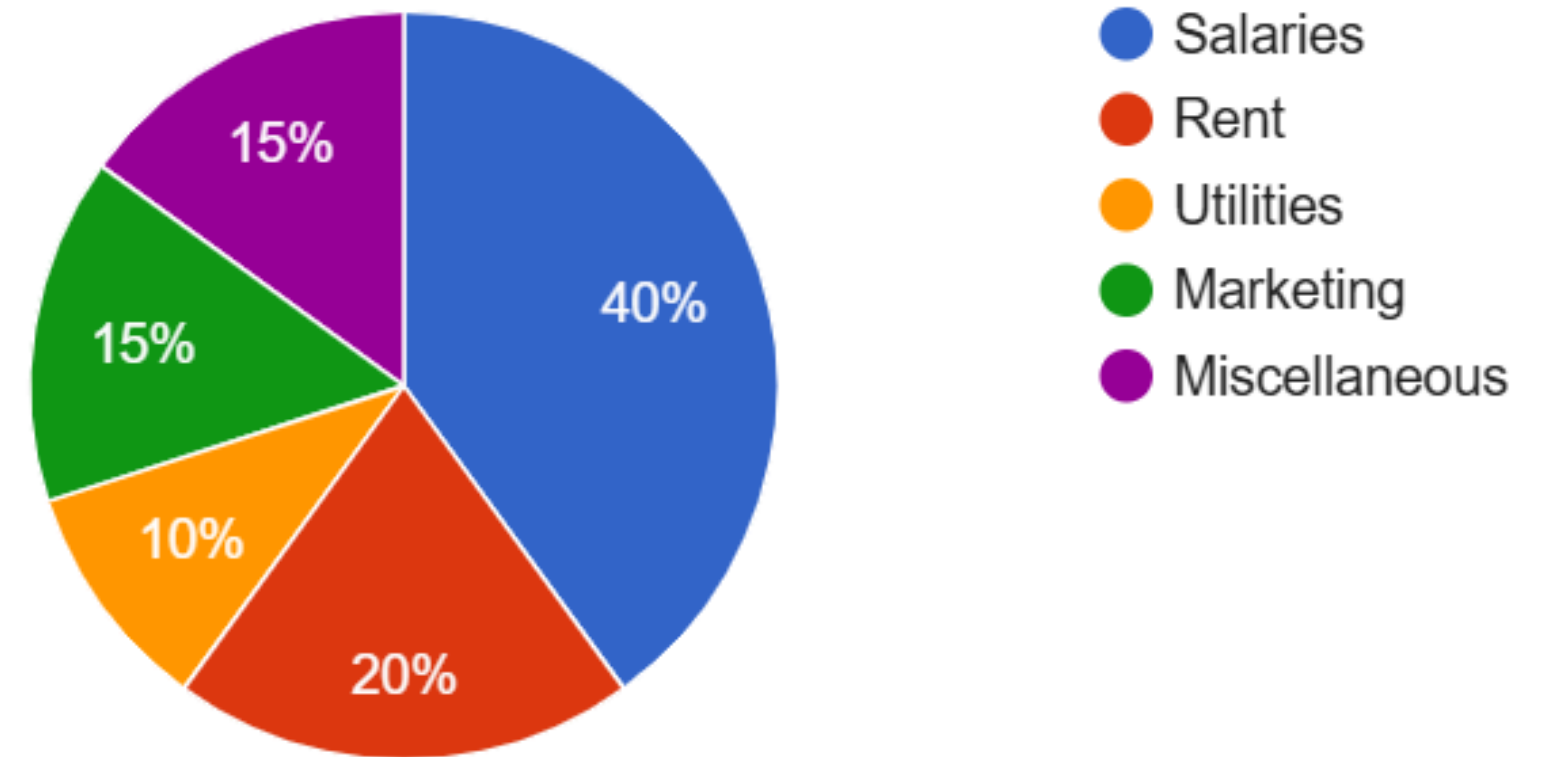
Explanation: The ratio of men to women is 3:5

If men = 24, then: $24 \div 3 = 8$ (each ratio unit represents 8 people)

Women = $5 \times 8 = 40$

If the total budget is \$120,000, how much more money is allocated to Salaries than to Marketing?

- a) \$18,000**
- b) \$24,000**
- c) \$30,000**
- d) \$36,000**

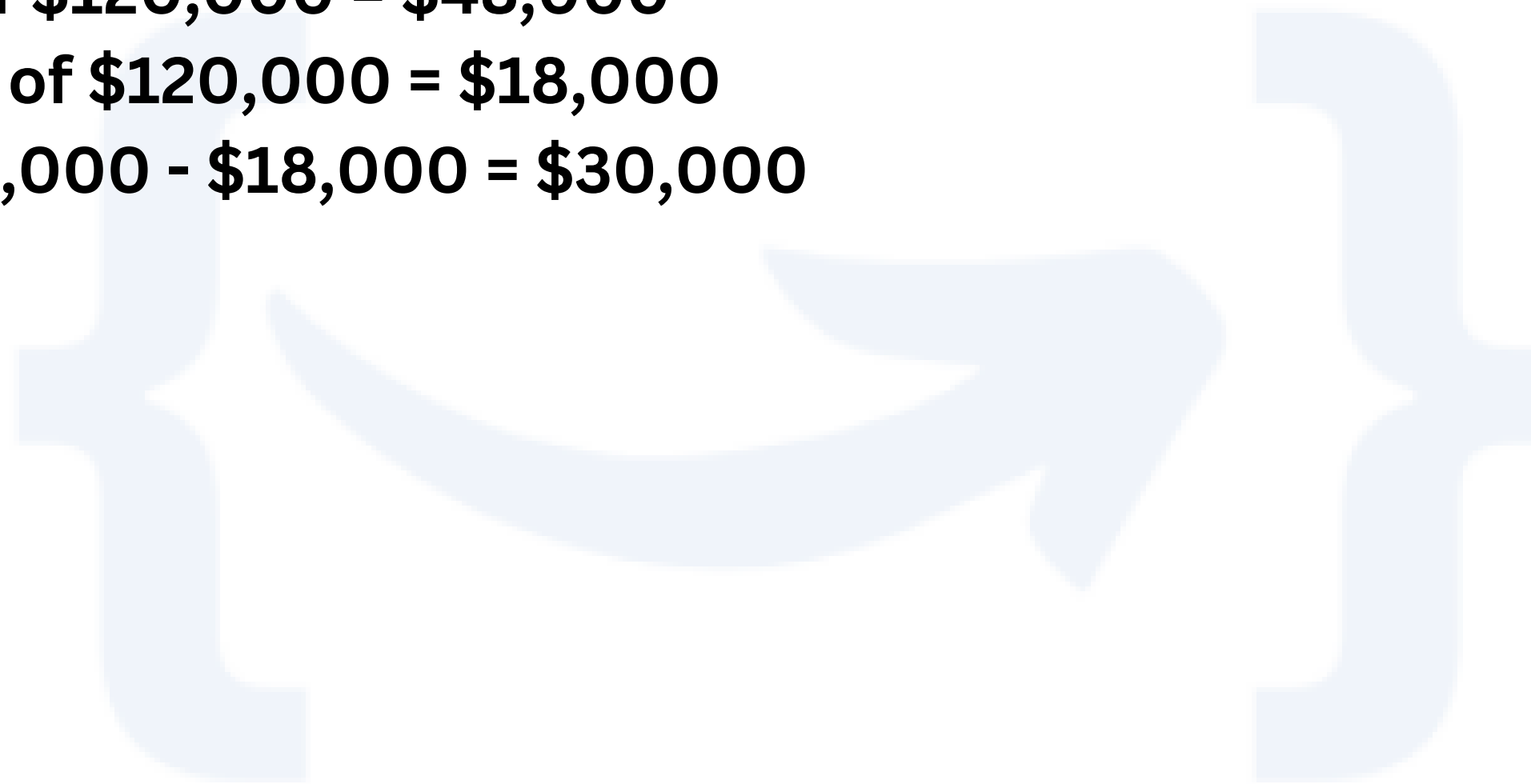


EXPLANATION

Salaries: 40% of \$120,000 = \$48,000

Marketing: 15% of \$120,000 = \$18,000

Difference: \$48,000 - \$18,000 = \$30,000



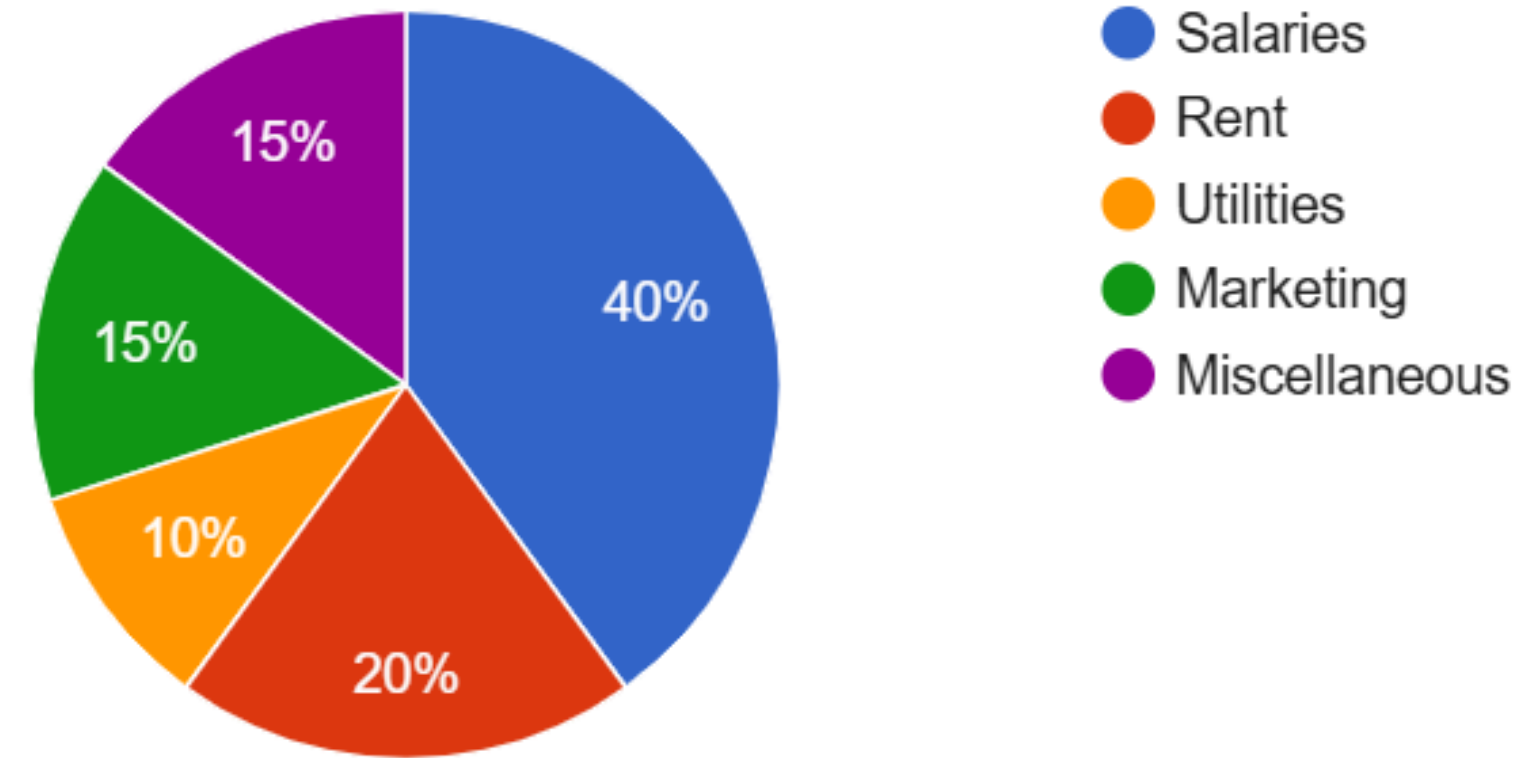
What is the ratio of the percentage allocated to Rent to the percentage allocated to Utilities?

a) 1:2

b) 2:1

c) 2:3

d) 3:2



EXPLANATION

Rent: 20%

Utilities: 10%

Ratio: 20:10, which simplifies to 2:1



The table below shows the number of products (in thousands) manufactured by five companies (A, B, C, D, and E) over three years.

What is the average number of products manufactured per year by company C over the three years?

Options:

A) 110,000

B) 113,333

C) 120,000

D) 115,000

Company	2020	2021	2022
A	120	150	180
B	100	130	160
C	90	110	140
D	80	95	120
E	110	140	170

EXPLANATION

Total products manufactured by company C over three years:

$$90 + 110 + 140 = 340 \text{ (thousands)}$$

Average production per year:

$$\begin{aligned} \frac{340}{3} &= 113.33 \text{ (thousands)} \\ &= 113,333 \end{aligned}$$

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REASONING ABILITY

In a certain code language, if RIVER is coded as ULYHU, then how is OCEAN coded?

- A) RFHDQ**
- B) RFDZP**
- C) RFGDP**
- D) RFGHS**



EXPLANATION

Answer: A) RFHDQ

Explanation: In the given code, each letter is replaced by the letter that is 3 positions ahead in the alphabet. R is 3 positions ahead of O F is 3 positions ahead of C H is 3 positions ahead of E D is 3 positions ahead of A Q is 3 positions ahead of N Therefore, OCEAN is coded as RFHDQ.

Look at the pattern: 2, 6, 12, 20, 30, __. What number should come next?

A) 38

B) 40

C) 42

D) 36



EXPLANATION

Answer: C) 42

Explanation: The pattern follows the sequence of differences: +4, +6, +8, +10, +12...

$$2 + 4 = 6$$

$$6 + 6 = 12$$

$$12 + 8 = 20$$

$$20 + 10 = 30$$

$$30 + 12 = 42$$

In a certain code, APPLE is written as ELPPA. How is WORLD written in that code?

- A) LDRWO**
- B) DLROW**
- C) DROLW**
- D) WORLD**



EXPLANATION

Answer: B) DLROW

Explanation:

The word is written in reverse order. So, WORLD → DLROW.



Pointing to a photograph, Raj said, "She is the daughter of my grandfather's only son." How is the girl related to Raj?

- A) Sister**
- B) Cousin**
- C) Aunt**
- D) Niece**



EXPLANATION

Answer: A) Sister

Explanation:

Raj's grandfather's only son = Raj's father.

The daughter of Raj's father is Raj's sister.

Which of the following best demonstrates a cause-and-effect relationship?

- a) Every time it rains, the ground becomes wet**
- b) The sun rises in the east**
- c) Flowers bloom in spring**
- d) Birds fly in the sky**



EXPLANATION

Correct Answer: a) Every time it rains, the ground becomes wet

Reasoning:

Direct causal relationship

Rain CAUSES ground to become wet

Other options describe states or characteristics, not cause-effect

Causal Reasoning: Identifying true cause-and-effect relationships

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VERBAL ABILITY

Choose the word that most closely means the same as the given word:
EPHEMERAL

- a) Permanent**
- b) Lasting**
- c) Fleeting**
- d) Substantial**



EXPLANATION

Correct Answer: c) Fleeting

Explanation: The word "ephemeral" means something that is short-lived, temporary, or lasting for a very brief time.



Identify the word that is most opposite in meaning:
GREGARIOUS

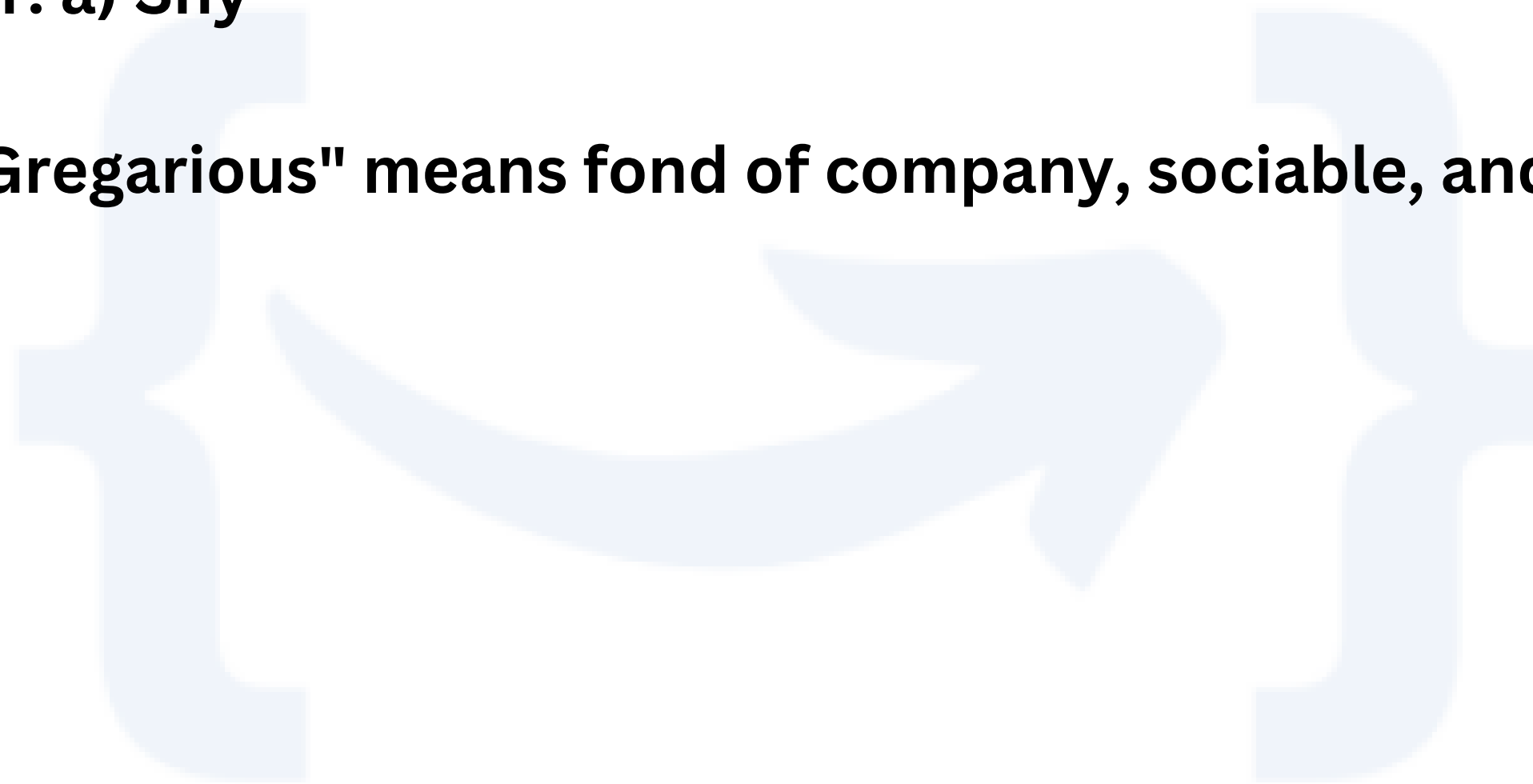
- a) Shy**
- b) Outgoing**
- c) Sociable**
- d) Extroverted**



EXPLANATION

Correct Answer: a) Shy

Explanation: "Gregarious" means fond of company, sociable, and outgoing.



What is the most likely meaning of the word "DISINGENUOUS" in this context?

"His disingenuous explanation seemed designed to mislead rather than clarify."

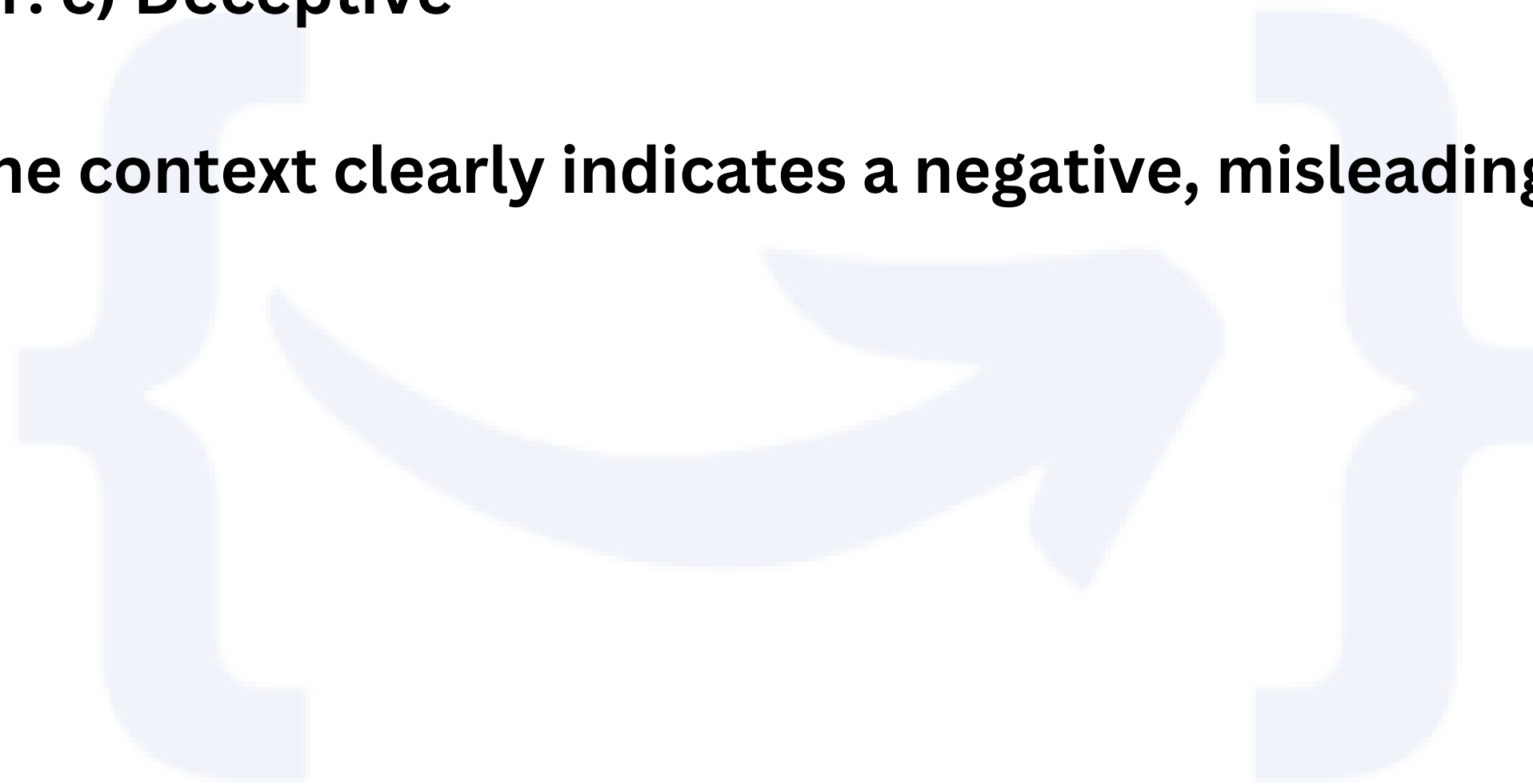
- a) Honest**
- b) Sincere**
- c) Deceptive**
- d) Straightforward**



EXPLANATION

Correct Answer: c) Deceptive

Explanation: The context clearly indicates a negative, misleading interpretation.



Complete the analogy:

KNOWLEDGE : IGNORANCE :: COURAGE : _____

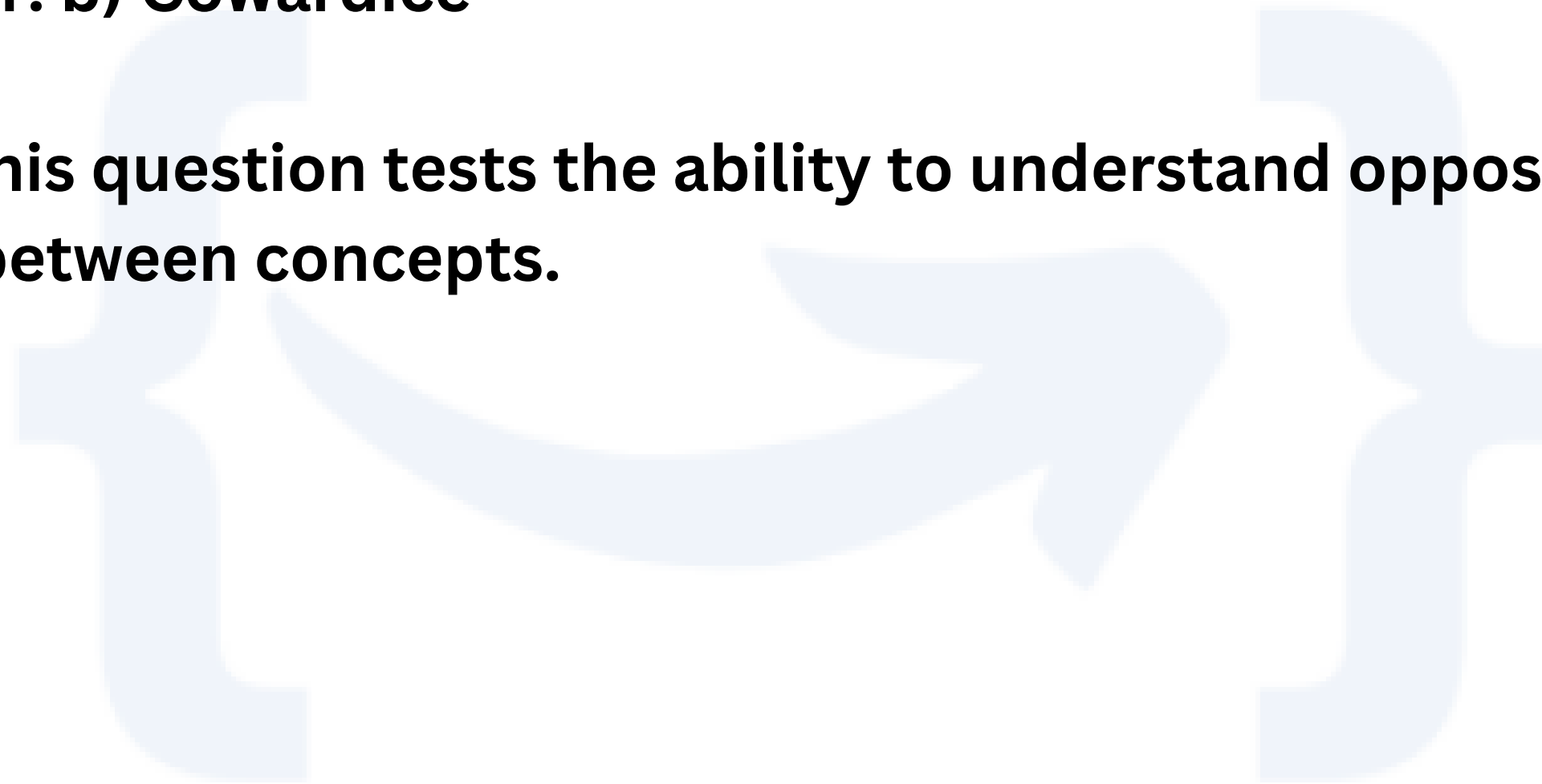
- a) Bravery**
- b) Cowardice**
- c) Strength**
- d) Wisdom**



EXPLANATION

Correct Answer: b) Cowardice

Explanation: This question tests the ability to understand oppositional relationships between concepts.



What is the meaning of the word based on its root and prefix?

BENEVOLENT

- a) Doing good**
- b) Causing harm**
- c) Feeling neutral**
- d) Expressing anger**



EXPLANATION

Correct Answer: a) Doing good

"Bene-" is a Latin prefix meaning "good"

"-volent" comes from the Latin "velle" meaning "to wish"

Together, "benevolent" means "wishing good" or "doing good"

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NUMERICAL ABILITY

HOMEWORK QUESTIONS

If the price of a product increases from ₹200 to ₹250, what is the percentage increase?

- A) 20%**
- B) 25%**
- C) 30%**
- D) 50%**



Answer: B) 25%

The ratio of A's age to B's age is 5:3. If A is 30 years old, how old is B?

A) 15

B) 18

C) 20

D) 25



Answer: C) 18

Question: What is the total revenue generated from ticket sales at a sports event?

Statements:

1. The number of tickets sold was 5,000.

2. The price per ticket was ₹250.

A) Statement 1 alone is sufficient.

B) Statement 2 alone is sufficient.

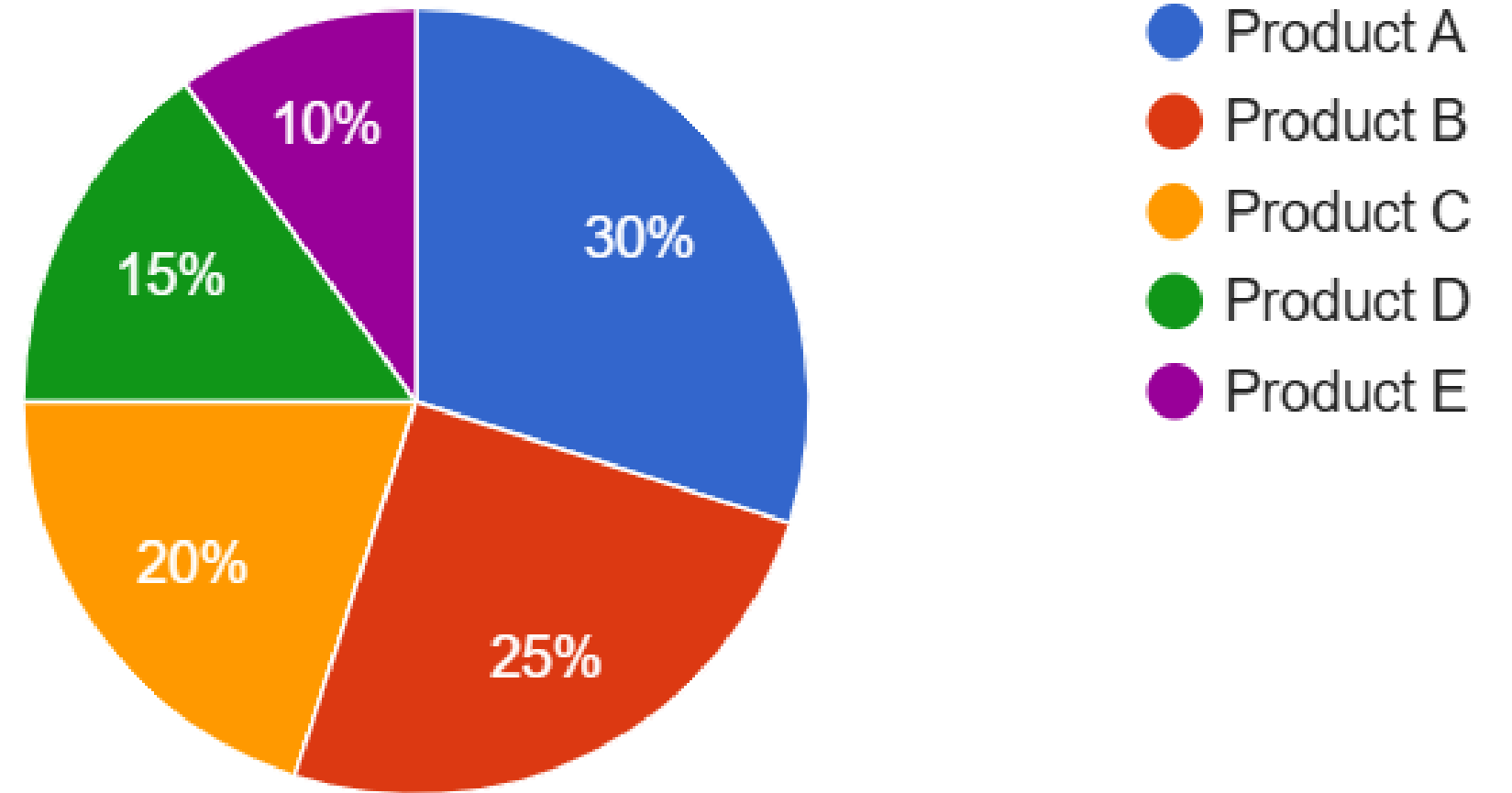
C) Both statements together are sufficient.

D) Neither is sufficient.

C) Both statements together are sufficient.

A company's total revenue is ₹500,000. What is the revenue generated from Product C?

- A) ₹80,000
- B) ₹90,000
- C) ₹100,000
- D) ₹120,000



Answer: C) ₹100,000

What is the average annual increase in car production?

- A) 200
- B) 250
- C) 300
- D) 400

Car Production by a Company (2019–2023)

Year	2019	2020	2021	2022	2023
Cars Produced	1000	1200	1500	1800	2000

Answer: C) 250

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REASONING ABILITY

HOMEWORK QUESTIONS

Find the missing letter in the sequence:

B, D, G, K, ?, V

A) N

B) O

C) P

D) Q



Answer: C) P

Which one is different from the others?

A) 132

B) 162

C) 172

D) 192



Answer: C) 162

If JUMP is coded as LWOR, how is ROAD coded?

- A) TQCF**
- B) TRBF**
- C) SPCF**
- D) SQBE**



Answer: A) TQCF

A bag contains only red and blue marbles.

- **60% of the marbles are red**
- **40% of the marbles are blue**

Which statement is most logical?

- a) There are exactly 10 red marbles**
- b) There must be both red and blue marbles**
- c) All marbles are either red or blue**
- d) The bag cannot contain exactly 50 marbles**

**c) All marbles are either red
or blue**

If the series goes: 3, 8, 15, 24, ? What is the next number?

a) 28

b) 35

c) 33

d) 40



b) 35

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VERBAL ABILITY

HOMEWORK QUESTIONS

BELOW IS A PARAGRAPH FOLLOWED BY QUESTIONS BASED ON ITS CONTENT. READ THE PASSAGE CAREFULLY AND SELECT THE BEST ANSWER FOR EACH QUESTION.

PASSAGE

IN THE DIGITAL AGE, TECHNOLOGY HAS FUNDAMENTALLY TRANSFORMED HUMAN COMMUNICATION, CREATING UNPRECEDENTED OPPORTUNITIES FOR GLOBAL CONNECTION WHILE SIMULTANEOUSLY CHALLENGING TRADITIONAL NOTIONS OF PRIVACY AND PERSONAL INTERACTION. SOCIAL MEDIA PLATFORMS HAVE EMERGED AS POWERFUL TOOLS THAT ENABLE INSTANT WORLDWIDE COMMUNICATION, YET THEY ALSO RAISE COMPLEX ETHICAL QUESTIONS ABOUT THE AUTHENTICITY OF RELATIONSHIPS AND THE PSYCHOLOGICAL IMPACTS OF CONSTANT DIGITAL CONNECTIVITY. THE PARADOX OF MODERN COMMUNICATION LIES IN ITS ABILITY TO BOTH UNITE AND ISOLATE INDIVIDUALS, BRIDGING GEOGRAPHICAL DISTANCES WHILE POTENTIALLY DEEPENING PERSONAL DISCONNECTION.

QUESTION 1

THE PRIMARY PURPOSE OF THE PASSAGE IS TO:

- A) CRITICIZE SOCIAL MEDIA**
- B) EXPLORE THE COMPLEX NATURE OF DIGITAL COMMUNICATION**
- C) DESCRIBE TECHNOLOGICAL ADVANCEMENTS**
- D) PROMOTE DIGITAL CONNECTIVITY**

b) Explore the complex nature of digital communication

Question 2

The word "paradox" in the passage most nearly means:

- a) Agreement
- b) Contradiction
- c) Similarity
- d) Uniformity



b) Contradiction

The author's tone can best be described as:

- a) Angry**
- b) Enthusiastic**
- c) Neutral and analytical**
- d) Dismissive**



c) Neutral and analytical

Question 4

"Instant worldwide communication" suggests:

- a) Slow communication**
- b) Immediate global connectivity**
- c) Limited interaction**
- d) Local communication**

b) Immediate global connectivity

Question 5

The word "simultaneously" indicates:

- a) Sequential events**
- b) Occurring at the same time**
- c) Conflicting actions**
- d) Separate processes**

b) Occurring at the same time