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# ORDERING & RANKING

- KOUSTAV

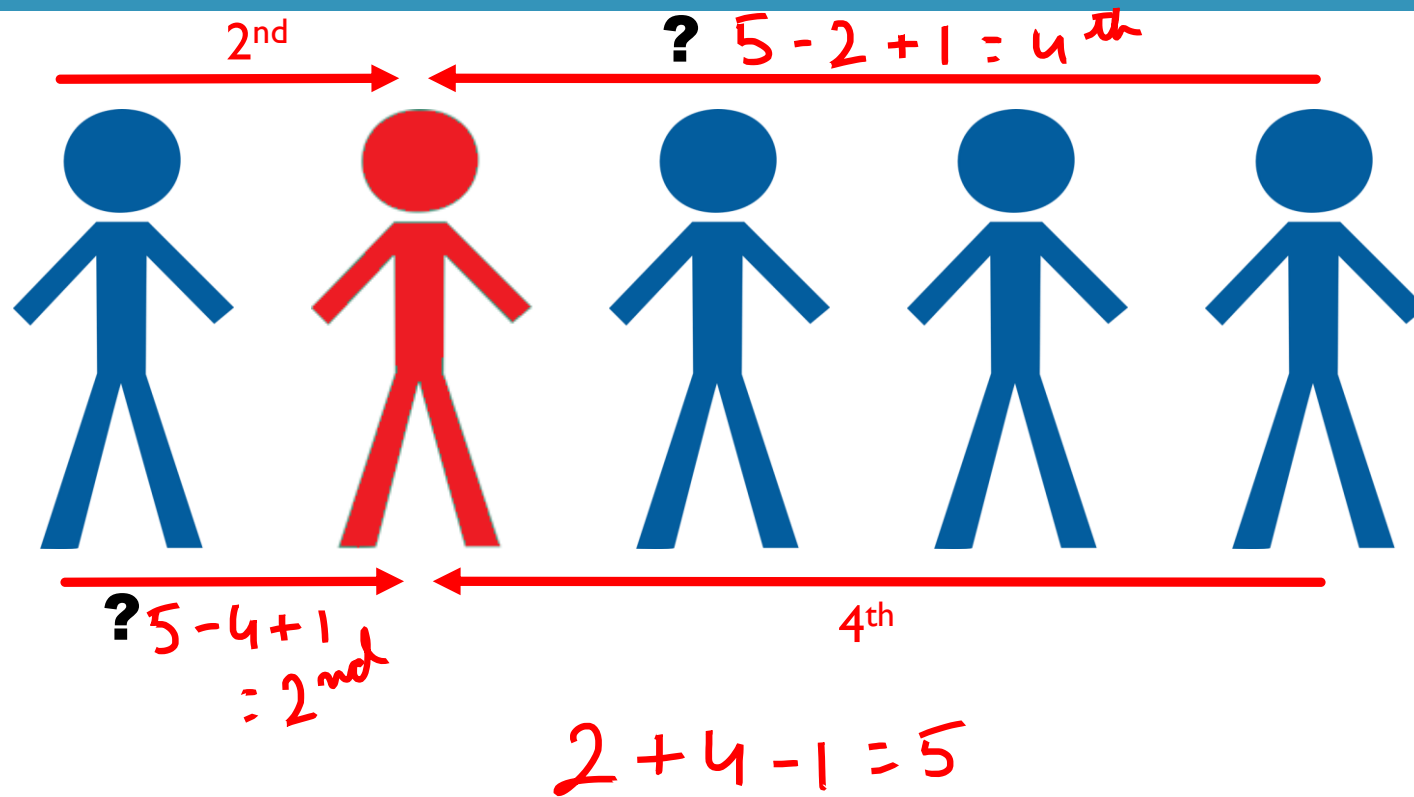


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# CONCEPT



**Q1. Sansa ranks nineteenth in a class of 68 students. What is her rank from last?**

A. 50

B. 51

C. 49

D. 48

**Q2. Sam is 5 ranks ahead of Jon in a class of 46 students. If Jon's rank is twelfth from the last, what is Sam's rank from the start?**

A. 35

B. 29

C. 30

D. 31

**Q3. In a class of 90, where girls are twice that of boys, Neville ranked fourteenth from the top. If there are 10 girls ahead of Neville, how many boys are after him in rank?**

A. 27

B. 26

C. 25

D. 16

**Q4. Each one of five persons - A, B, C, D and E is of different height. B is taller than A and C. D is not as tall as E but is taller than A, who is not the shortest. Who is the shortest?**

A. A

B. B

C. C

D. D

**Q5. P, Q, R, S and T are five girls competing in a running race. R and P have at least two girls ahead of each of them. T and P do not have more than one girl behind each of them. Who arrives at the finish line after two girls as well as before two other girls, if no two girls finish the race at the same time?**

A. Q

B. S

C. T

D. R

**Q6. A ranks fourth in a class. B ranks ninth from the last. If C is ninth after A and just in the middle of A and B, how many students are there in the class?**

A. 33

B. 32

C. 30

D. 31

**Q1. Sansa ranks nineteenth in a class of 68 students. What is her rank from last?**

☒ A. 50

B. 51

C. 49

D. 48

$$68 - 19 + 1 = \underline{\underline{50}}$$

**Q2. Sam is 5 ranks ahead of Jon in a class of 46 students. If Jon's rank is twelfth from the last, what is Sam's rank from the start?**

A. 35

B. 29

✓ C. 30

D. 31

$$S = J - 5$$

$$J = 46 - 12 + 1 = 35^{\text{th}}$$

$$S = 35 - 5 = \underline{\underline{30^{\text{th}}}}$$

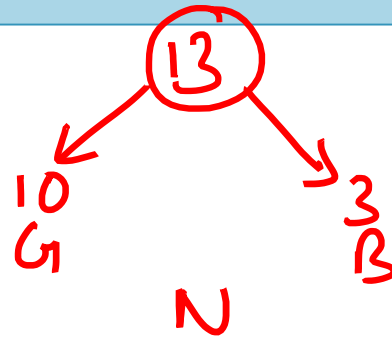
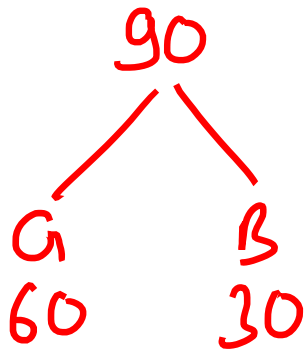
**Q3. In a class of 90, where girls are twice that of boys, Neville ranked fourteenth from the top. If there are 10 girls ahead of Neville, how many boys are after him in rank?**

A. 27

✓ B. 26

C. 25

D. 16



$$30 - 3 - 1 = \underline{\underline{26}}$$

**Q4. Each one of five persons - A, B, C, D and E is of different height. B is taller than A and C. D is not as tall as E but is taller than A, who is not the shortest. Who is the shortest?**

A. A

B. B

☒ C. C

D. D

E  
D B  
A C ✓

**Q5. P, Q, R, S and T are five girls competing in a running race. R and P have at least two girls ahead of each of them. T and P do not have more than one girl behind each of them. Who arrives at the finish line after two girls as well as before two other girls, if no two girls finish the race at the same time?**

A. Q

B. S

C. T

☒ D. R





**Q6. A ranks fourth in a class. B ranks ninth from the last. If C is ninth after A and just in the middle of A and B, how many students are there in the class?**

A. 33

B. 32

☒ C. 30

D. 31

$$\begin{array}{r} 3 \\ A \\ 8 \\ C \\ 8 \\ B \\ 8 \end{array} \quad \begin{array}{r} 3 \\ + 1 \\ + 8 \\ + 1 \\ + 8 \\ + 1 \\ + 8 \end{array} \quad = \underline{\underline{30}}$$

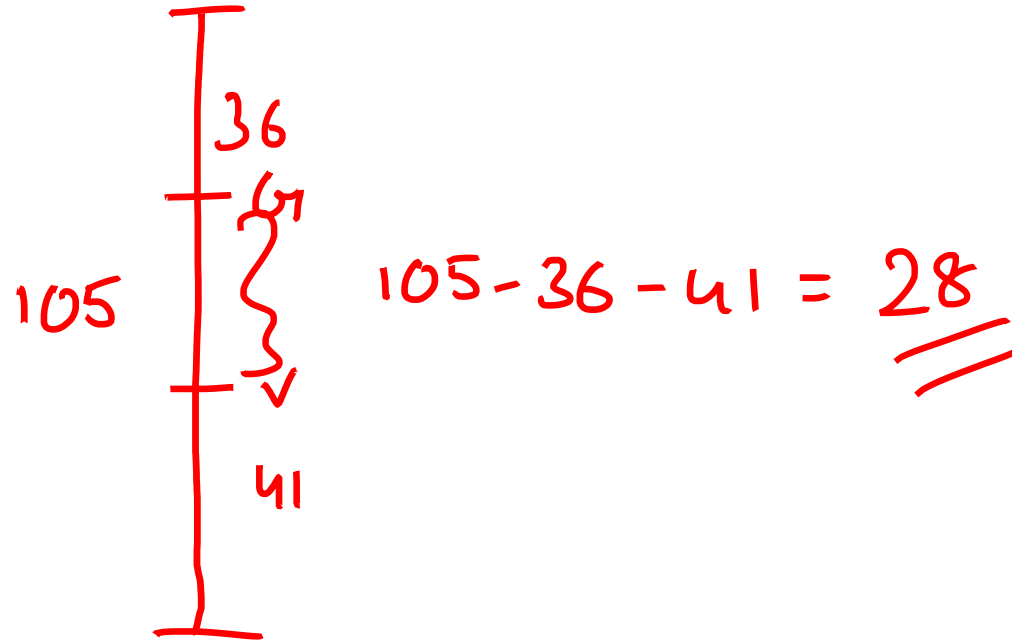
Q7. In a group of 105 students, Goku's rank is 36th from the top and Vegeta's rank is 41<sup>st</sup>~~th~~ from the bottom. How many students are there in between Goku and Vegeta (if no two persons got the same rank)?

✓ A. 28

B. 39

C. 29

D. 27



**Q8. Four companies-W, X, Y and Z declared their results for the financial year. No two companies have either the same income or the same profit.**

- The income of company W is greater than that of X and its profit is less than that of company Y.**
- The income as well as the profit of company Y is greater than that of company Z.**
- The company X has the third highest income and its profit is less than that of company Z.**
- Profit of company X is not as much as that of company W.**

**1. Which company has the highest income?**

- A. W                      B. X                      C. Y                      D. Either (A) or (C)

**2. Which company is the second highest in profit?**

- A. W                      B. X                      C. Y                      D. Can't be determined

**3. Which company has the least income?**

- A. W                      B. X                      C. Z                      D. Y

**4. How many companies have more profit than company X?**

- A. One                      B. Two                      C. Three                      D. Either (A) or (B)

**5. If no company has same position in profit and income which company has the second highest income?**

- A. W                      B. X                      C. Y                      D. Can't be determined

**Q8. Four companies-W, X, Y and Z declared their results for the financial year. No two companies have either the same income or the same profit.**

- The income of company W is greater than that of X and its profit is less than that of company Y.
- The income as well as the profit of company Y is greater than that of company Z.
- The company X has the third highest income and its profit is less than that of company Z.
- Profit of company X is not as much as that of company W.

**1. Which company has the highest income?**

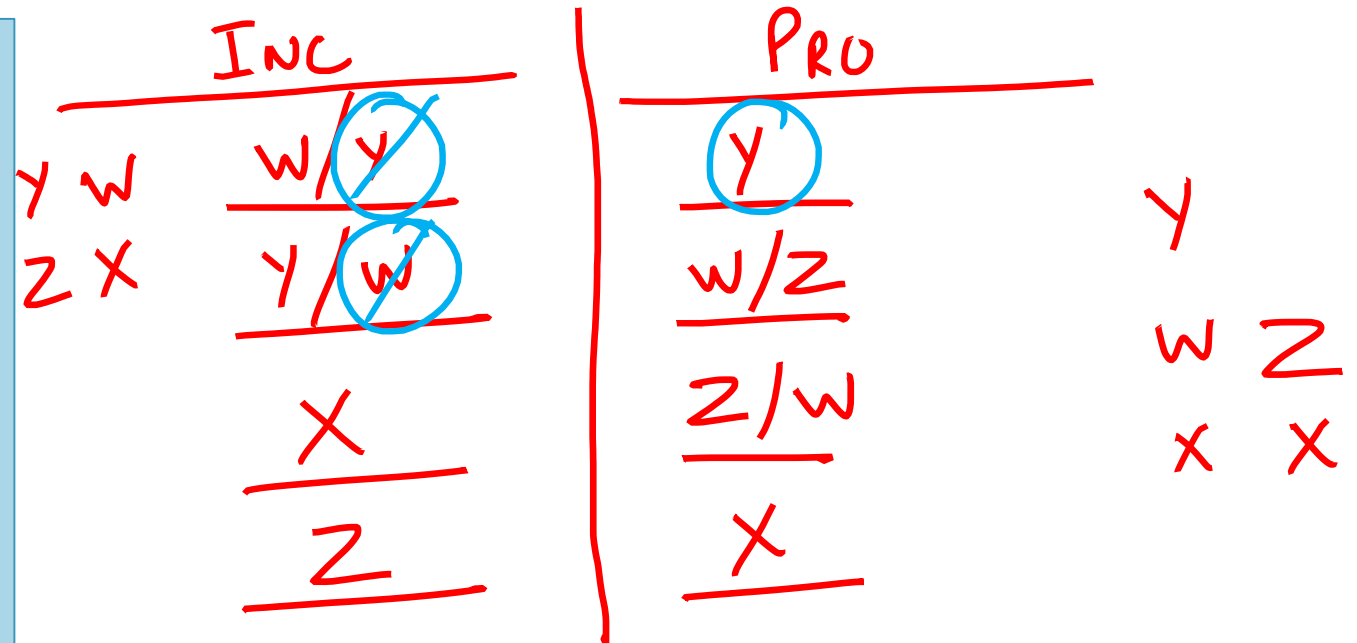
- A. W                      B. X  
C. Y                      ☒ D. Either (A) or (C)

**2. Which company is the second highest in profit?**

- A. W                      B. X  
C. Y                      ☒ D. Can't be determined

**3. Which company has the least income?**

- A. W                      B. X  
☒ C. Z                      D. Y



**Q8. Four companies-W, X, Y and Z declared their results for the financial year. No two companies have either the same income or the same profit.**

- The income of company W is greater than that of X and its profit is less than that of company Y.
- The income as well as the profit of company Y is greater than that of company Z.
- The company X has the third highest income and its profit is less than that of company Z.
- Profit of company X is not as much as that of company W.

**4. How many companies have more profit than company X?**

- A. One
- B. Two
- ☒ C. Three
- D. Either (A) or (B)

**5. If no company has same position in profit and income which company has the second highest income?**

- A. W
- B. X
- ☒ C. Y
- D. Can't be determined

## EXTRA QUESTIONS:

Q9. J, K, L, M and N are five boys in a class. They are ranked in the order of height- from the tallest to the shortest- and in order of cleverness- from the cleverest to dullest. K is taller than N, but not as clever as J and L, whereas M is the cleverest of all but shorter than J, while L is shorter than M but taller than K. L is not as clever as J. No two persons got the same ranks in any of these parameters.

1. Who is the third in the order of heights?

A. J

B. N

☒ C. L

D. Can't be determined

2. If N is not the last in at least one of the two comparisons, which of the following is the dullest of all the five?

☒ A. K

B. L

C. M

D. Can't be determined

3. If L is the third in order of cleverness, who is the dullest of all?

A. K

B. N

C. J

☒ D. Can't be determined

4. Who among the following is cleverer as well as taller than K?

A. L and J only

B. N

C. L and N only

☒ D. J, L and M

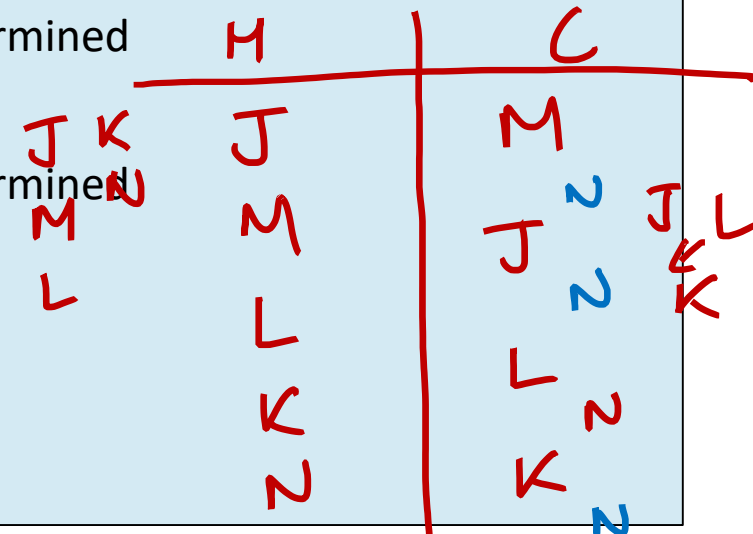
5. How many people are definitely shorter than K?

☒ A. 1

B. 2

C. 3

D. 4



## ANSWER KEY – ORDERING & RANKING

QUESTION	ANSWER	QUESTION	ANSWER	QUESTION	ANSWER
1	A	7.1	D	8.1	C
2	C	7.2	D	8.2	A
3	B	7.3	C	8.3	D
4	C	7.4	C	8.4	D
5	D	7.5	C	8.5	A
6	C				