

AgreeYa Solutions Arithmetic Ability Questions

Q1. A truck covers a distance of 640 kms in 10 hrs. A car covers the same distance in 8 hrs. What is the respective ratio between the speed of the truck and the car?

- a) 3 : 4
- b) 1 : 2
- c) 5 : 6
- d) 6 : 7
- e) None of these

Q2. The sum of 15% of a positive number and 20% of the same number is 126. What is one-third of that number?

- a) 360
- b) 1080
- c) 120
- d) 40
- e) None of these

Q3. At present Anil is 1.5 times Purvis age. Eight years hence, the respective ratio between Anil and Purvis ages then will be 25: 18. What is Purvis present age?

- a) 50 years
- b) 28 years
- c) 42 years
- d) 36 years
- e) None of these

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Q4. What is the difference between the compound interest and simple interest accrued on an amount of Rs. 16,200/- at the end of three years @ 25%?(round off to two digits after decimal)

- a) Rs. 3213.44
- b) Rs. 3302.42
- c) Rs. 3495.28
- d) Rs. 3290.63
- e) None of these

Q5. In order to pass in exam a student is required to get 780 marks out of the aggregate marks. Sonu got 728 marks and was declared failed by 5 percent. What are the maximum aggregate marks a student can get in the examination?

- a) 1040
- b) 1100
- c) 1000
- d) Cannot be determined
- e) None of these

Q6. Faisal walks 325 meters every day. How many kilometers will he walk in four weeks?

- a) 6.2
- b) 9.1
- c) 8.6
- d) 7.8
- e) None of these

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Q7. A 280 meters long train crosses a platform thrice its length in 6 minutes 40 seconds. What is the speed of the train?

- a) 3.2 m/s
- b) 1.4 m/s
- c) 2.8 m/s
- d) Cannot be determined
- e) None of these

Q8. 3 women and 18 children together take 2 days to complete a piece of work. How many will 9 children alone take to complete the piece of work alone can complete the piece of work in 3 days?

- a) 9
- b) 7
- c) 5
- d) 6
- e) None of these

Q9. The perimeter of a square is twice the perimeter of a rectangle. If the perimeter of the square is 72 cms and the length of the rectangle is 12 cms, what is the difference between the breadth of the rectangle and the side of the square?

- a) 9 cms
- b) 12 cms
- c) 18 cms
- d) 3 cms
- e) None of these

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Q10. What would be the simple interest accrued in 4 years on a principle of Rs.187,440/- @ p.c.p.a.?

- a) Rs. 11,075/-
- b) Rs. 12,250/-
- c) Rs. 11,500/-
- d) Rs. 12,985/-
- e) None of these

Q11. The average weight of 21 boys was recorded as 64 kgs. If the weight of the teacher was added, the average increased by one kg. What was the teachers weight?

- a) 86 kgs
- b) 64 kgs
- c) 72 kgs
- d) 98 kgs
- e) None of these

Q12. Raj sold an item for Rs. 6,384/- and incurred a loss of 30%. At what price should he have sold the item to have gained a profit of 30%?

- a) Rs. 14,565/-
- b) Rs. 11,856/-
- c) Rs. 13,544/-
- d) Cannot be determined
- e) None of these

Q13. The respective ratio between Sitas, Riyas and Kunals monthly income is 84: 76: 89. If Riyas annual income is Rs. 4,56,000/-, what

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is the sum of Sitas and annual income? (In some cases monthly income and in some cases annual income is used.)

- a) Rs. 11,95,000/-
- b) Rs. 9,83,5000/-
- c) Rs. 11,30,000/-
- d) Rs. 10,38,000/-
- e) None of these

Q14. Nandita scored 80 percent marks in five subjects together; viz; Hindi, Science, Maths, English and Sanskrit, together, wherein the maximum marks of each subject were 105. How many marks did Nandita score in Science if she scored 89 marks in Hindi, 92 marks in Sanskrit, 98 marks in Maths and 81 marks in English?

- a) 60
- b) 75
- c) 65
- d) 70
- e) None of these

Q15. The average of four consecutive numbers A, B, C and D respectively is 49.5. What is the product of B & D?

- a) 2499
- b) 2352
- c) 2450
- d) 2550
- e) None of these