

MATHS Practice Set-01

You have Demo class for KVS & HTET on 4-10-16 from 11:30am-1:30pm At Accent Coaching Institute Hisar 9541079129,9671639776 more at www.accentconcept.com

1). Find the difference between the 30th and the 34th term of the series 16, 32, 48, 64....

1. a) 72
2. b) 66
3. c) 68
4. d) 64

2). The LCM of two numbers is 55 times their HCF. The sum of the LCM and the HCF is 6272. If one number is 280, then the other number is

1. a) 2464
2. b) 3226
3. c) 6272
4. d) 2326

3). The total earning of A, B and C is Rs 95000 and they save 30%, 25% and 20% of their incomes respectively. If savings are in the ratio of 4: 5: 6, then what is the difference between the amount of earnings of B and C?

1. a) 21000
2. b) 9000
3. c) 18000
4. d) 15000

4). The numbers of boys and girls in a college are in the ration of 4: 1. If 50% of the boys and 75% of the girls are adults, the percentage of students who are not adults is?

1. a) 40%
2. b) 45%
3. c) 30%
4. d) 50%

5). A trader sells his goods at 20% profit. Had he bought it at 10% more and sold it for Rs. 70 more, he would have gained 25%. Find the cost price of the goods.

1. a) 800
2. b) 200
3. c) 400
4. d) 600

6). The difference between a discount of 40% on Rs. 1000 and two successive discount of 36% and 5% on the same amount is:

1. a) 8
2. b) 4
3. c) 16
4. d) 24

You have Demo class for SSC CHSL on 11-10-16 from 9:30am-11:30am At Accent Coaching Institute Hisar 9541079129,9671639776 more at www.accentconcept.com

7). At the certain rate of simple interest a sum becomes double in 14 years. In how many years will it become 4 times itself?

1. a) 58 years
2. b) 42 years
3. c) 28 years
4. d) 56 years

8). A sum of money becomes Rs. 2500 in 2 years and Rs. 5184 in 4 years on compound interest. Find the rate of compound interest.

1. a) 44%
2. b) 50%
3. c) 40%
4. d) 36%

9). In a military camp, ration was stored for 660 militants at the rate of 800 grams per militant for 45 days. After 10 days more militants came from other camp and the remaining ration got finished only in 15 days at the rate of 1400 grams per militant. Find the number of militants coming in.

1. a) 240
2. b) 248
3. c) 240
4. d) 220

10). 16 men or 20 boys can do a piece of work in 30 days. The number of days that 15 men and 15 boys would take to finish the same work is

1. a) $13 \times \frac{7}{9}$
2. b) $17 \times \frac{1}{7}$
3. c) $15 \times \frac{5}{9}$
4. d) $17 \times \frac{7}{9}$

Answers:

1). d) 2). a) 3). d) 4). b) 5). c) 6). a) 7). b) 8). a) 9). d) 10). d)