

NUMBER SYSTEM

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Practice Problems with Solution

Question 1: Find the value of $0.32\overline{5}$?

A: $293/900$

B: $293/990$

C: $322/990$

D: $293/999$

Question 2: Find the value of $1.2\overline{3}$?

A: $123/900$

B: $123/990$

C: $37/30$

D: $87/990$

Question 3: Find the value of $6.2\overline{5}$?

A: $617/99$

B: $625/999$

C: $625/990$

D: $619/99$

Question 4: Find the value of $\overline{1}.25$?

A: $1.25/99$

B: -0.75

C: 0.25

D: 0.11

Question 5: Find the value of $0.\overline{36} + 0.\overline{25} + 0.\overline{38}$?

A: 0

B: 1

C: 0.99

D: $\frac{67}{99}$

Question 6: Find the value of $0.\overline{3} + 0.0\overline{2} + 0.00\overline{8}$?

A: 0.3643

B: $0.364\overline{3}$

C: $0.\overline{3643}$

D: 1

Question 7: Find no of zeros in $120!$?

A: 0

B: 1

C: 2

D: 3

Question 8: Find no. of zeros in $200!$?

A: 125

B: 100

C: 75

D: 49

Question 9: Find no. of zeros in $1000!$?

A: 400

B: 371

C: 189

D: 249

Question 10: Find no. of zeros in $200! \times 100!$?

A: 81

B: 89

C: 73

D: 62

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Answers and Solutions

1:- A, $293/900$

2:- C, $37/30$

3:- D, $619/99$

4:- B, -0.75

5:- B, 1

6:- B, $0.364\bar{3}$

7:- B, 1

8:- D, 49

9:- D, 249

10:- C, 73

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