



spardhaguru2022



Spardhaguru Current affairs



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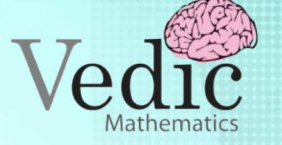
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1) $\frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{5}}}}$

a) $\frac{11}{17}$
c) $\frac{17}{11}$

b) $\frac{12}{17}$
d) $\frac{1}{7}$

c) $\frac{3}{21}$

d) 0

5) $\frac{1}{2 + \frac{1}{3 + \frac{1}{4 + \frac{5}{2}}}}$

a) $\frac{41}{95}$
c) $\frac{45}{33}$

b) $\frac{73}{27}$
d) $\frac{95}{41}$

2) $\frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{6}{3}}}}$

a) $\frac{31}{33}$
c) $\frac{21}{33}$

b) $\frac{21}{7}$
d) $\frac{21}{23}$

6) $\frac{1}{2 + \frac{1}{1 + \frac{1}{3 + \frac{2}{5}}}}$

a) $\frac{22}{21}$
c) $\frac{22}{71}$

b) $\frac{22}{31}$
d) $\frac{22}{61}$

3) $\frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{3}{2}}}}$

a) $\frac{21}{53}$
c) $\frac{53}{21}$

b) $\frac{12}{19}$
d) $\frac{19}{12}$

7) $\frac{1}{1 + \frac{2}{1 + \frac{3}{1 + \frac{4}{5}}}}$

a) $\frac{7}{4}$
c) $\frac{4}{7}$

b) $\frac{3}{2}$
d) $\frac{3}{7}$

4) $\frac{1}{5 + \frac{1}{3 + \frac{2}{4}}}$

a) $\frac{3}{37}$

b) $\frac{7}{37}$





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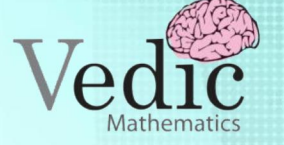
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$$8) \frac{1}{1 + \frac{1}{1 + \frac{2}{1 + \frac{3}{2 + \frac{4}{1 + \frac{5}{1}}}}}}$$

a) $\frac{13}{28}$
c) $\frac{28}{17}$

b) $\frac{28}{13}$
d) $\frac{17}{28}$

$$12) \frac{1}{3 + \frac{2}{2 + \frac{1}{2}}}$$

a) $\frac{5}{19}$
c) $\frac{3}{21}$

b) $\frac{5}{21}$
d) $\frac{3}{31}$

$$9) \frac{19}{43} \div \frac{1}{2 + \frac{1}{3 + \frac{1}{1 + \frac{1}{4}}}}$$

a) 1
c) 0

b) -1
d) -11

$$13) 1 - \frac{5}{7 + \frac{1}{4 + \frac{1}{2 + \frac{1}{3}}}}$$

a) $\frac{46}{92}$
c) $\frac{65}{219}$

b) $\frac{69}{224}$
d) $\frac{83}{291}$

$$10) \frac{1}{3 + \frac{1}{2 - \frac{1}{7} + \frac{17}{22}}}$$

a) -1
c) -4

b) 4
d) 1

$$14) 4 - \frac{5}{1 + \frac{1}{3 + \frac{1}{2 + \frac{1}{4}}}}$$

a) $\frac{8}{9}$
c) $\frac{1}{8}$

b) $\frac{3}{8}$
d) $\frac{4}{8}$

$$11) \frac{1}{3 + \frac{1}{4 + \frac{1}{5 + \frac{1}{6}}}}$$

a) $\frac{130}{421}$
c) $\frac{503}{211}$

b) $\frac{421}{130}$
d) $\frac{531}{212}$

$$15) 1 = \frac{2x}{1 + \frac{1}{1 + \frac{x}{1-x}}}$$

a) $\frac{2}{3}$

b) $\frac{3}{7}$





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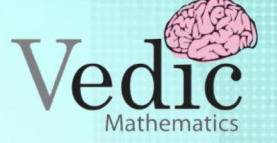
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c) $\frac{3}{5}$

d) $\frac{2}{5}$

19) Simplify: $1 + \frac{4}{2 + \frac{3}{5 - \frac{1}{2}}} - \frac{1}{2}$

16) If $X = 1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{2}}}}$

(10 ÷ 2)

then, the value of

$2x + \frac{7}{4}$ is:

a) 3

b) 4

c) 5

d) 6

a) 1

b) 0

c) $-\frac{15}{2}$

d) $-\frac{1}{2}$

20) $\frac{2}{2 + \frac{2}{3 + \frac{2}{3 + \frac{2}{3}}}} \times 0.39$ is simplified

to:

a) $\frac{1}{3}$

b) 2

c) 6

d) None of these

17) If $2 = x + \frac{1}{1 + \frac{1}{3 + \frac{1}{4}}}$ then the

value of x is:

a) $\frac{18}{17}$

b) $\frac{21}{17}$

c) $\frac{13}{17}$

d) $\frac{12}{17}$

21) $\frac{13}{48}$ is equal to:

a) $\frac{1}{3 + \frac{1}{1 + \frac{1}{16}}}$

b) $\frac{1}{2 + \frac{1}{1 + \frac{1}{8}}}$

c) $\frac{1}{3 + \frac{1}{1 + \frac{1}{1 + \frac{1}{8}}}}$

d) $\frac{1}{3 + \frac{1}{1 + \frac{1}{2 + \frac{1}{4}}}}$

18) Find the value of: $\frac{2}{1 + \frac{1}{1 - \frac{1}{2}}} \times$

$\frac{3}{5} \text{ of } \frac{3}{2} \div 1 \frac{1}{4}$

a) 6

b) 8

c) 4

d) 2





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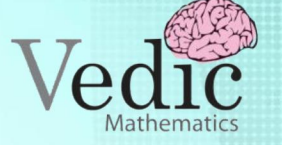
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22) $4 - \frac{5}{1 + \frac{1}{3 + \frac{1}{2 + \frac{1}{4}}}}$ th part of a journey takes 10 minutes, then to complete $\frac{3}{5}$ th of that journey, it will take?

- a) 40 Minutes
- b) 45 Minutes
- c) 48 Minutes
- d) 36 Minutes

23) $\frac{9}{26} = \frac{1}{a + \frac{1}{b + \frac{1}{c}}}$, find the sum of abc?

- a) 11
- b) 0
- c) $-\frac{5}{2}$
- d) $-\frac{1}{2}$

24) $\frac{1}{a + \frac{1}{b + \frac{2}{c + \frac{1}{4}}}} = \frac{29}{79}$, Where a, b, c, are natural numbers, then the value of $(2a + 3b - c)$

- a) 1
- b) 0
- c) 4
- d) 2

25) $1 - \frac{a}{1 - \frac{1}{1 + \frac{a}{1 - a}}}$





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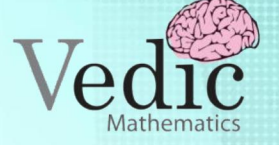
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- a) zero b) a c) 1 d) 1-a

26) Square root of $\frac{4\frac{1}{7} - 2\frac{1}{4}}{3\frac{1}{2} - 1\frac{1}{7}} \div \frac{2}{2 + \frac{1}{2 + \frac{1}{5 - \frac{1}{5}}}}$

- a) 1 b) 3 c) 4 d) 2

27) $1 - \frac{1}{4 - \frac{2}{1 + \frac{1}{\frac{1}{3} + 2}}} \left[\frac{15}{16} \div \frac{2}{3} \right] \text{ of } 2\frac{1}{4} - \frac{3+4}{3^3 + 4^3}$

- a) $\frac{6}{13}$ b) $\frac{8}{13}$ c) $\frac{5}{13}$ d) $\frac{4}{13}$

28) $\left[\left(1 + \frac{1}{10 + \frac{1}{10}} \right) \times \left(1 + \frac{1}{10 + \frac{1}{10}} \right) - \left(1 - \frac{1}{10 + \frac{1}{10}} \right) \times \left(1 - \frac{1}{10 + \frac{1}{10}} \right) \right] \div \left[\left(1 + \frac{1}{10 + \frac{1}{10}} \right) - \left(1 - \frac{1}{10 + \frac{1}{10}} \right) \right]$

- a) $\frac{100}{101}$ b) $\frac{90}{101}$ c) $\frac{20}{101}$ d) $\frac{101}{100}$

