



spardhaguru2022



Spardhaguru Current affairs



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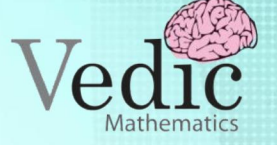
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Continue Fraction Moderate Level

1) $\frac{5\frac{9}{14}}{5+\frac{1}{3+\frac{1}{\frac{3}{5}}}}$ is equal to:

- a) **1** b) 1.5
c) 2 d) 2.5

4) $\frac{13}{48}$ 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) $\frac{1}{3+\frac{1}{1+\frac{1}{2+\frac{1}{4}}}}$

2) $\frac{2}{2+\frac{2}{3+\frac{2}{3+\frac{2}{3}}}} \times 0.39$

- a) $\frac{1}{3}$ b) **2**
c) 6 d) None of these

5) $1 + \frac{1}{1+\frac{1}{1+\frac{1}{1+\frac{1}{1+\frac{2}{3}}}}}$ is :

- a) $\frac{21}{13}$ b) $\frac{17}{3}$
c) **$\frac{34}{21}$** d) $\frac{8}{5}$

3) $1 + \frac{1}{1+\frac{1}{2}}$ is equal to:

- a) 3 b) $\frac{3}{2}$
c) $\frac{2}{3}$ d) **$\frac{5}{3}$**

6) $\frac{2\frac{1}{3}-1\frac{2}{11}}{3+\frac{1}{3+\frac{1}{3+\frac{1}{3}}}}$ is:

- a) **$\frac{38}{109}$** b) $\frac{109}{38}$
c) 1 d) $\frac{116}{109}$





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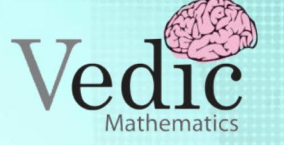
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7) $3 + \frac{3}{3 + \frac{1}{3 + \frac{1}{3}}}$ is

a) $\frac{40}{11}$

b) $\frac{43}{11}$

c) $\frac{46}{11}$

d) $\frac{41}{11}$

8) $1 + \frac{1}{1 + \frac{1}{5}} = ?$

a) $\frac{11}{6}$

b) $\frac{13}{6}$

c) $\frac{15}{6}$

d) $\frac{13}{9}$

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

a) 1

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

c) 2

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

10) If $\left[4 - \frac{5}{1 + \frac{1}{3 + \frac{1}{2 + \frac{1}{4}}}} \right]^{th}$ 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

