

PERSAMAAN PECAHAN

Contoh:

1) Tentukan nilai d, e, f dari

$$\frac{29}{13} = d + \frac{1}{e + \frac{1}{f}}$$

Jawab: $\frac{29}{13} = 2 + \frac{3}{13}$ jadi d=2, e=4, f=3

$$= 2 + \frac{1}{\frac{13}{3}}$$

$$= 2 + \frac{1}{4 + \frac{1}{3}}$$

Perhatikan Video Berikut !

LATIHAN

1) Tentukan nilai a,b,c

$$\frac{67}{13} = a + \frac{1}{b + \frac{1}{c}}$$

Jawab:

$$\begin{aligned}\frac{67}{13} &= \quad + \quad - \\ &= \quad + \quad \frac{-}{-} \\ &= \quad + \quad \frac{-}{+ -}\end{aligned}$$

a=

b=

c=

2) Tentukan nilai d,e,f

$$\frac{35}{11} = d + \frac{1}{e + \frac{1}{f}}$$

Jawab:

$$\begin{aligned}\frac{35}{11} &= \quad + \quad - \\ &= \quad + \quad \frac{-}{-} \\ &= \quad + \quad \frac{-}{+ -}\end{aligned}$$

d=

e=

f=

Untuk No 3-10 kerjakan di bukumu lalu tentukan nilainya

3) Tentukan nilai a,b,c,d

$$\frac{25}{7} = a + \frac{1}{b + \frac{1}{c + \frac{1}{d}}}$$

Jawab: a= b= c= d=

4) Tentukan nilai x,y,z,u

$$\frac{47}{14} = x + \frac{1}{y + \frac{1}{z + \frac{1}{u}}}$$

Jawab: x= y= z= u=

5) Tentukan nilai k,l,m

$$\frac{33}{9} = k + \frac{1}{l + \frac{1}{m}}$$

Jawab: k= l= m=

6) Tentukan nilai $p^2 - 2qr$

$$\frac{49}{11} = p + \frac{1}{q + \frac{1}{r}}$$

Jawab: p= , q= , r=

$$p^2 - 2qr =$$

7) Tentukan nilai $xy - 5zu$

$$\frac{43}{8} = x + \frac{1}{y + \frac{1}{z + \frac{1}{u}}}$$

Jawab: x= , y= , z= u=

$$xy - 5zu =$$

8) Tentukan nilai $d^2f - 3e$

$$\frac{131}{25} = d + \frac{1}{e + \frac{1}{f}}$$

Jawab: d= , e= , f=

$$d^2f - 3e =$$

9) Tentukan nilai a,b,c,d

$$\frac{42}{19} = a + \frac{1}{b + \frac{1}{c - \frac{2}{d}}}$$

Jawab: a= b= c= d=

10) Tentukan nilai ab-cd

$$\frac{256}{195} = a + \frac{1}{b + \frac{1}{c + \frac{1}{d}}}$$

Jawab: a= b= c= d=

ab-cd=