

LATIHAN: PERSAMAAN LINEAR DAN RUMUS ALGEBRA

ARAHAN: ISI JAWAPAN ANDA DALAM PETAK YANG DISEDIAKAN.

DISEDIAKAN OLEH: CG CHAMCI

- 1 Given that $p + 2 = \frac{3(1-2p)}{4}$, calculate the value of p .

Diberi bahawa $p + 2 = \frac{3(1-2p)}{4}$, hitung nilai p .

- A $-\frac{1}{2}$ C $\frac{1}{10}$
B $-\frac{1}{5}$ D $\frac{1}{6}$

- 2 Given $\frac{5x-2}{3} = 1-x$, calculate the value of x .

Diberi $\frac{5x-2}{3} = 1-x$, hitung nilai x .

- A $\frac{3}{2}$ C $\frac{5}{6}$
B $\frac{3}{4}$ D $\frac{5}{8}$

- 3 Given that $3 - \frac{2(x-1)}{3} = \frac{x}{2}$, find the value of x .

Diberi bahawa $3 - \frac{2(x-1)}{3} = \frac{x}{2}$, cari nilai x .

- A $\frac{17}{7}$ C $\frac{14}{5}$
B $\frac{22}{7}$ D $\frac{22}{5}$

- 4 Given that $\frac{y-6}{3} - \frac{y-4}{2} = 1$, calculate the value of y .

Diberi $\frac{y-6}{3} - \frac{y-4}{2} = 1$, hitung nilai y .

- A -1 C -6
B -3 D -8

- 5 Given $p = 5q - r$, express q in terms of p and r .
Diberi $p = 5q - r$, ungkapkan q dalam sebutan p dan r .

- A $q = \frac{p+r}{5}$ C $q = \frac{p}{5} + r$
B $q = \frac{p-r}{5}$ D $q = \frac{p}{5} - r$

- 6 Given $2 - 3p^2 = 2(m + 3p^2)$, express p in terms of m .
Diberi $2 - 3p^2 = 2(m + 3p^2)$, ungkapkan p dalam sebutan m .

- A $p = \frac{\sqrt{2-2m}}{9}$
B $p = \frac{\sqrt{2m-2}}{9}$
C $p = \frac{\sqrt{2-2m}}{3}$
D $p = \frac{\sqrt{2m-2}}{3}$

- 7 Given $h = \frac{k^3}{4} + 6$ express k in terms of h .
Diberi $h = \frac{k^3}{4} + 6$, ungkapkan k dalam sebutan h .

- A $k = \frac{4h-24}{3}$ C $k = \sqrt[3]{4h-24}$
B $k = \frac{4h-6}{3}$ D $k = \sqrt[3]{4h-6}$

- 8 Given $T = 3 + 2(n-1)$, express n in terms of T .
Diberi $T = 3 + 2(n-1)$, ungkapkan n dalam sebutan T .

- A $n = \frac{T+1}{2}$ C $n = \frac{T-1}{2}$
B $n = \frac{T+2}{2}$ D $n = \frac{T-2}{2}$