KELAS TAMBAHAN MATEMATIK 30/06/2021

LATIHAN: PERSAMAAN LINEAR DAN RUMUS ALGEBRA

ARAHAN: ISI JAWAPAN ANDA DALAM PETAK YANG DISEDIAKAN.

DISEDIAKAN OLEH: CG CHAMCL

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 $n = \frac{T-2}{2}$

LIVEWORKSHEETS