

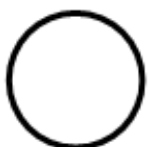
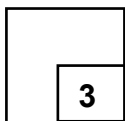
For
Examiner's
Use

17. Given that $A = (4, 2)$, $B = (5, -1)$, $x = i - j$ and $y = 3i + 4j$. If $\overrightarrow{AB} = px + qy$,
find the value of p and q . [3 marks]
- Diberi $A = (4, 2)$, $B = (5, -1)$, $x = i - j$ dan $y = 3i + 4j$. Jika $\overrightarrow{AB} = px + qy$, cari
nilai p dan q . [3 markah]

Answer/Jawapan:

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17



For
Examiner's
Use

19. Given that $\frac{d}{dx}[2h(x)] = g(x)$ find $\int \frac{g(x)}{3} dx$

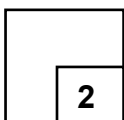
[2 marks]

Diberi $\frac{d}{dx}[2h(x)] = g(x)$, cari $\int \frac{g(x)}{3} dx$

[2 markah]

Answer/Jawapan:

19



20. The gradient function of a curve which passes through the point $(\frac{1}{2}, -3)$ is $8(2x + 1)^3$

Find the equation of the curve.

[3 marks]

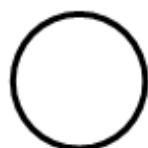
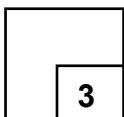
Fungsi kecerunan lengkung bagi suatu lengkung yang melalui titik $(\frac{1}{2}, -3)$ ialah

$8(2x + 1)^3$. Cari persamaan lengkung itu.

[3 markah]

Answer/Jawapan:

20



25. The mass of chickens in a poultry farm has a normal distribution with a mean of 1.7 kg and a standard deviation of 0.4 kg.

Jisim ayam dalam sebuah ladang ternakan mempunyai taburan normal dengan min 1.7 kg dan sisihan piawai 0.4 kg.

Find

Cari

- (a) the mass of chickens which gives a standard score of -0.2 ,
jisim ayam apabila skor piawai ialah -0.2 ,
(b) the percentage of chickens with mass greater than 1.5 kg.
peratus ayam yang jisimnya lebih daripada 1.5 kg.

[4 marks]

[4 markah]

Answer / Jawapan:

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END OF QUESTIONS
SOALAN TAMAT

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