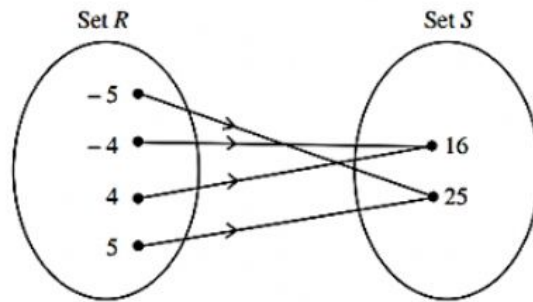


SOALAN 4/ QUESTION 4

- (a) Rajah 21 menunjukkan hubungan bagi dua set, set R dan set S.
Diagram 21 shows a relation of two sets, R and S.

(2 marks)



Rajah 21

Berdasarkan rajah, nyatakan ...

Based on the diagram, state ...

i	domain <i>domain</i>	
ii	kodomain <i>codomain</i>	
iii	wakilkkan hubungan dengan menggunakan pasangan tertib. <i>represent the relations by using ordered pair.</i>	

(3 marks)

- (b) Permudahkan / Simplify:

(4 marks)

(i) $m^5 \times m^4 =$

(ii) $k^6 \div k^2 =$

(iii) $(p^2 q^5)^3 =$

- (c) Diberi bahawa $2^x \times 4^{2x-y} = 8$, ungkapkan x dalam sebutan y.
Given $2^x \times 4^{2x-y} = 8$, express x in terms of y.

[3 markah]

step 1 : $2^{\boxed{}} \times 2^{\boxed{}} = 2^{\boxed{}}$

step 2 : $\boxed{=} \boxed{}$

jawapan : $x = \frac{\boxed{}}{\boxed{}}$