MATHEMATICS

SOLVING THE FOLLOWING

RATIO

The picture shows a flower vase. Specify ratio:
a) The number of roses to the number of tulips
b) Number of roses to the number of sunflowers

| answers | 1 a) = [ ] : [ ] |
| answers | 1 b) = [ ] : [ ] |

2 J The table shows The length of three wires.

Dawai	R	S	T
Panjang	I mm	I cm	I m

Specify ratio
a)   Length of wire R to length of wire S
b)   Length of wire S to length of wire T

| answers | 2 a) = [ ] : [ ] |
| answers | 2 b) = [ ] : [ ] |

3

I mℓ   100 mℓ   I ℓ

Specify ratio :
a) Volume of a syringe 1 ml to a syringe volume of 100 ml
b) Volume of a syringe 1 ml to the volume of a liquid bag I l

| answers | a) = [ ] : [ ] |
| answers | b) = [ ] : [ ] |

PROPORTION

1.

My sister bought 4 m rubber mat.
Total price is RM32

a) How much does 6 m of the same rubber mat cost?
b) How long is the rubber mat at a total price of RM96

answer | a) =

4 m → RM 32

6 m → $\dfrac{\text{RM 32}}{\boxed{}}$ × $\boxed{}$ = RM $\boxed{}$

answer | b) =

RM 32 → 4 m

RM 96 → $\dfrac{\text{RM 96}}{\text{RM 32}}$ × $\boxed{}$ m = $\boxed{}$ m

2.

a) What is the mass of 5 boxes of the same cereal?
b) What is the number of boxes for the total mass of 300 g?

boxes with a
180 g

answer | a) =

6 kotak → 180 g

5 kotak → $\dfrac{180}{\boxed{}}$ × $\boxed{}$ = $\boxed{}$ g

answer | b) =

180 g → 6 kotak

300 g → $\dfrac{300}{180}$ × $\boxed{}$ = $\boxed{}$ kotak