

NAME: _____

YEAR: _____

SOLVING PERCENTAGE WORD PROBLEMS

1) Dahlia bought 60kg of flour. She used 35% to bake a chocolate cake.

a) How much flour did she use?

35%	
used	

$$= \boxed{21}$$

$$= \frac{35}{100} \times 60 = \frac{2100}{100} = 21$$

b) How much flour did she have left?

35%	65%
used	left

$$= 100\% - 35\% = 65\%$$

$$= \boxed{39}$$

$$= \frac{65}{100} \times 60 = \frac{3900}{100} = 39$$

2) Jamilah had \$300. She spent 45% of her money.

a) How much money did she spend?

45%	
spent	

$$= \boxed{}$$

b) How much money did she have left?

45%	
spent	left

$$= \boxed{}$$

3) The journey from Kuala Belait to Temburong is 225 km. Halim took 1 hour to complete 60% of the journey.

a) How far has Halim travelled?

60%	
travelled	

=

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b) How much further did Halim need to travel?

60%	
travelled	more to travel

=

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4) There are 55 apples in a box. 20% of them were green and the rest were red.

a) How many apples in the box were green?

20%	
green	

=

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b) How many apples in the box were red?

20%	
green	red

=

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5) In a class of 400 students, only 20% of the students joined in an art competition.

a) How many students joined the competition?

20%	
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joined

=

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b) How many students did not join the competition?

20%	
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joined not joined

=

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6) Ahmad went to the shop to buy a pair of shoes and there was 40% sales. The shoes cost \$550.

a) How much was the discount?

40%	
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discount

=

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b) What was the new price of the shoes?

40%	
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discount new price

=

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