



# PRIMARY 6 MATHEMATICS

## Percentage

### SET 4

Name: \_\_\_\_\_ (    )

Date: \_\_\_\_\_

#### Instructions to candidates:

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully
4. Answer all questions.
5. You are **not allowed** to use calculator for Paper 1.

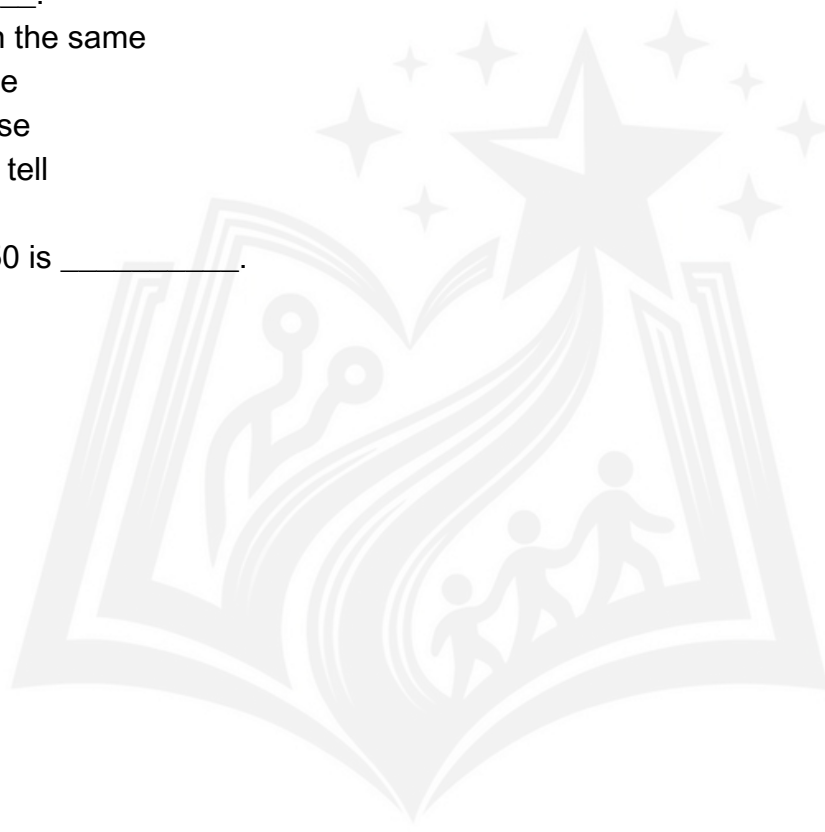
## **Section A**

For each question, four options are given. One of them is correct answer. Make your choice (1, 2, 3 or 4). Figures are not drawn to scale.

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1. Successive increase of 100 by 10% then followed by another 10%. What is the new value?  
a) 110  
b) 120  
c) 121  
d) 130 ( )
  
2. Decrease 500 by 20% then followed by another decrease of 10%. Find the new value.  
a) 350  
b) 360  
c) 400  
d) 450 ( )
  
3. 80 is 40% of a number. What is the value of the number?  
a) 160  
b) 180  
c) 200  
d) 220 ( )
  
4. If Peter wants to earn a profit of 20% from an item with the cost of \$200. What should be the selling price?  
a) 210  
b) 220  
c) 230  
d) 240 ( )
  
5. A \$200 item is given a 25% discount. What is the selling price?  
a) 140  
b) 150  
c) 160  
d) 170 ( )
  
6. 150% of 80 is \_\_\_\_\_.  
a) 100  
b) 110  
c) 120  
d) 130 ( )

7. 0.125 converted to percentage is \_\_\_\_\_.
- a) 1.25%
  - b) 12.5%
  - c) 125%
  - d) 0.125%
- (      )
8. 30% of a number is 90. Find the number.
- a) 200
  - b) 250
  - c) 300
  - d) 350
- (      )
9. When you increase a value by 20% then decrease by 20%, will the value \_\_\_\_\_.
- a) Remain the same
  - b) Increase
  - c) Decrease
  - d) Cannot tell
- (      )
10. 20% of 250 is \_\_\_\_\_.
- a) 40
  - b) 50
  - c) 60
  - d) 70
- (      )



## **Section B**

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. Figures are not drawn to scale. Answers in fractions or ratio must be expressed in the simplest form.

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11. Increase 400 by 15% then decrease by 20%, Find the new value.

Ans: \_\_\_\_\_

12. Decrease 300 by 25%. Find the new value.

Ans: \_\_\_\_\_

13. Find the number if 35% of it is 140.

Ans: \_\_\_\_\_

14. Find 12.5% of 240.

Ans: \_\_\_\_\_

15. A number increases by 20% to 180. Find the original number.

Ans: \_\_\_\_\_

16. Find 175% of 80.

Ans: \_\_\_\_\_

17. Convert 0.375 to percentage.

Ans: \_\_\_\_\_

18. Find the number if 40% of it is 120.

Ans: \_\_\_\_\_

19. Increase 600 by 112%. Find the new value.

Ans: \_\_\_\_\_

20. Decrease 500 by 8%. Find the new value.

Ans: \_\_\_\_\_

## Section C

Show your working clearly and write your answers in the spaces provided. Answers in fractions or ratio must be expressed in the simplest form.

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21. A bed is \$200. A shop is having a 20% discount then another 10% discount if paying by cash. Find the final price of the bed James have to pay if he were to pay by cash.

Ans: \_\_\_\_\_

22. An item had its price increases 25% then decreases 20%. Did the item increase or decrease in price? Find the amount change in the price.

Ans: \_\_\_\_\_

23. A student improved from 60 to 75 marks for her Maths Test. Find the percentage increase for her test.

Ans: \_\_\_\_\_

24. A tank is 80% full. After using 25%, there are still 180 litres of oil left. What is the capacity of the tank?

Ans: \_\_\_\_\_

25. The cost price of a jacket is \$50. The shopkeeper sold it at 20% profit. Find the selling price of the jacket.

Ans: \_\_\_\_\_