



# PRIMARY 6 MATHEMATICS

## Percentage

### SET 3

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. Increase 100 by 20% is \_\_\_\_\_.  
a) 110  
b) 120  
c) 130  
d) 140 ( )
2. Decrease 200 by 10% is \_\_\_\_\_.  
a) 160  
b) 170  
c) 180  
d) 190 ( )
3. How many percent is 120 of 200?  
a) 50%  
b) 60%  
c) 70%  
d) 80% ( )
4. 25% of \_\_\_\_\_ = 50. What is the missing number?  
a) 100  
b) 150  
c) 200  
d) 250 ( )
5. 15% of 200 is \_\_\_\_\_.  
a) 25  
b) 30  
c) 35  
d) 40 ( )
6. Increase 80 by 25% is \_\_\_\_\_.  
a) 90  
b) 100  
c) 110  
d) 120 ( )

7. How many percent is 45 of 90?

- a) 25%
- b) 50%
- c) 75%
- d) 90%

(       )

8. Decrease 300 by 20% is \_\_\_\_\_.

- a) 200
- b) 220
- c) 240
- d) 260

(       )

9. 10% of \_\_\_\_\_ = 25. What is the missing number?

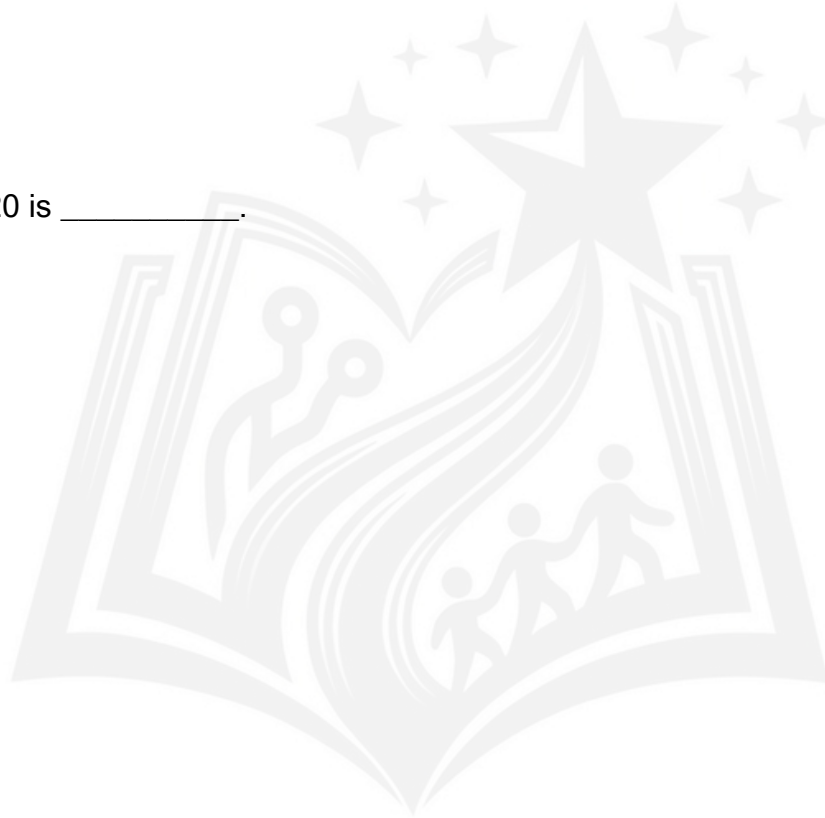
- a) 200
- b) 250
- c) 300
- d) 350

(       )

10. 75% of 120 is \_\_\_\_\_.

- a) 70
- b) 80
- c) 90
- d) 100

(       )



## **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 240 by 10%.

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

12. Decrease 180 by 20%.

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

13. If 20% of \_\_\_\_\_ is 60. Find the missing number.

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

14. What percentage is 15 out of 90?

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

15. Find 12.5% of 80.

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

16. A number decreased by 10% is 40. Find the original number.

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

17. Find 150% of 60.

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

18. Convert 125% to decimal.

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

19. If 25% is 50. Find the original number.

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

20. Increase 500 by 5%.

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 \$1000 television has a 20% discount. Find the sale price.

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

22. The monthly payment for the carpark rate increases from \$200 to \$250. Find the percentage increase on the rate.

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

23. A tank is 75% full and holds 400 L. Find its volume.

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

24. A student scored 36 out of 45 marks for her Maths test. Find the result in percentage.

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

25. A shirt costs \$60 after 25% discount. Find the original price of the shirt.

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