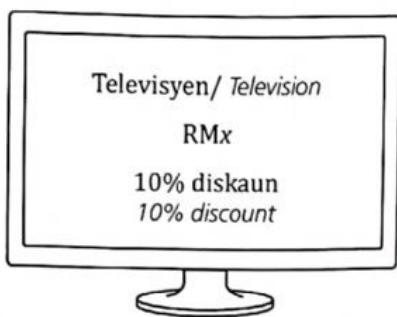




# Praktis ke arah PT3

## Bahagian A

- 1 Rajah berikut menunjukkan suatu promosi.  
The following diagram shows a promotion.



Diberi harga kos ialah RMx, tentukan harga jual.  
Given the cost price is RMx, determine the selling price.

- A  $10x$
  - B  $90x$
  - C  $\frac{x}{10}$
  - D  $0.9x$
- 2 Diberi  $m = -4$  dan  $n = 3$ , cari nilai bagi  $3n - 5m - 10$ .  
Given  $m = -4$  and  $n = 3$ , find the value of  $3n - 5m - 10$ .
- A 12
  - B 19
  - C 25
  - D 39
- 3 Nyatakan pekali bagi  $x^2y$  dalam sebutan  $-3x^2y$ .  
State the coefficient of  $x^2y$  in the term  $-3x^2y$ .
- A -3
  - B -1
  - C 1
  - D 3
- 4 Antara berikut, yang manakah ialah sepasang sebutan serupa?  
Which of the following is a pair of like terms?
- A  $-4x, -4y$
  - B  $3m, 3n$
  - C  $7t, -0.2t$
  - D  $2p, 12q$

- 5 Antara berikut, yang manakah ialah sepasang sebutan tak serupa?  
Which of the following is a pair of unlike terms?
- A  $3k, -8k$
  - B  $5h, -h$
  - C  $10m, 45m$
  - D  $9x, 9y$

- 6 Permudahkan/ Simplify

$$6ab + 5bc - 9 - (ab + 2bc - 5)$$

- A  $5ab + 3bc - 4$
- B  $5ab + 7bc - 4$
- C  $7ab + 3bc - 4$
- D  $7ab + 7bc - 14$

7  $8a^2b \times 3ab^3 =$

- A  $11a^3b^4$
- B  $11ab^2$
- C  $24a^3b^4$
- D  $24a^4b^4$

8  $28m^5n \div 7m^3n^4 =$

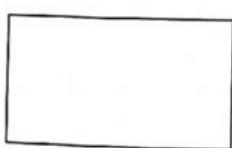
- A  $\frac{4m}{n^2}$
- B  $\frac{4m^2}{n^3}$
- C  $\frac{4n^3}{m^2}$
- D  $\frac{196m^2}{n^3}$

- 9 Permudahkan/ Simplify

$$24x^2y \times 5y^2z \div 15y^4z^2$$

- A  $\frac{8x}{yz}$
- B  $\frac{8x^2}{y}$
- C  $\frac{8x^2}{yz}$
- D  $\frac{8x^2}{y^2z}$

- 10 Rajah berikut menunjukkan sebuah segi empat tepat.  
The following diagram shows a rectangle.



Luas segi empat tepat ialah  $18a^2b^3$ .

Ungkapkan lebar segi empat tepat itu dalam sebutan  $ab$ .  
The area of the rectangle is  $18a^2b^3$ . Express the width of the rectangle in terms of  $ab$ .

- A  $3ab$
- B  $3a^2b$
- C  $3ab^2$
- D  $6ab$