

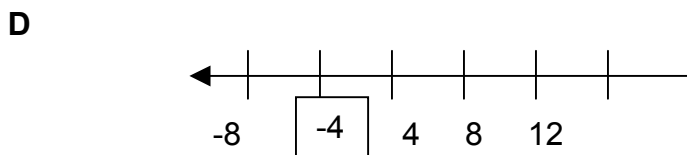
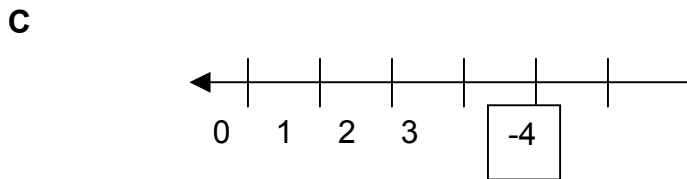
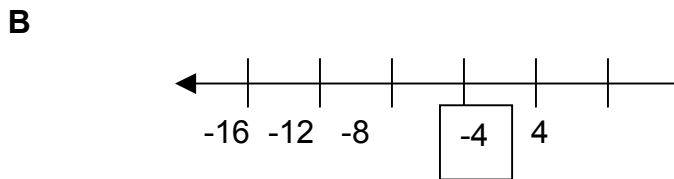
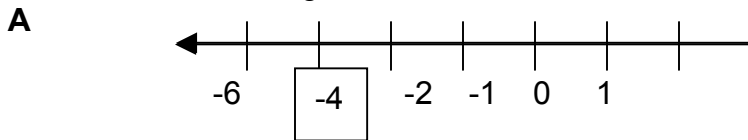
**SEK. MEN. KEB SAUJANA UTAMA, SG. BULOH**  
**MATHEMATICS**  
**FORM 1**  
**TIME : 1 HOURS**

**NAMA:** .....

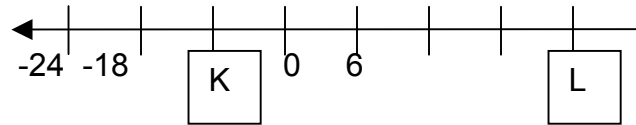
**KELAS:** .....

**Instruction:** This paper consists of 30 objective questions and 14 subjective questions. Each objective question is followed by 4 choices, A, B, C and D. Choose one answer only for each question. Answer **all** questions.

- 1 The integer  $-8$  is read as  
A minus 8  
B negative 8  
C subtract 8  
D negative 8 units
- 2 A glass of water is at freezing point of  $0^{\circ}\text{C}$ . When salt is added, its temperature drops by  $3^{\circ}\text{C}$ . What is the new temperature of the water?  
A  $3^{\circ}\text{C}$   
B  $+3^{\circ}\text{C}$   
C  $-3^{\circ}\text{C}$   
D  $3^{\circ}\text{C}$  below zero
- 3 Which of the following is not true?



4



The integers represented by K and L on the number line

	<b>K</b>	<b>L</b>
<b>A</b>	18	-12
<b>B</b>	12	18
<b>C</b>	12	-18
<b>D</b>	-12	18

5 Which set of integers below is not in order from the smallest to the largest?

- A** 2, 3, 4, 5, 6
- B** -5, -4, -3, -2, -1
- C** -4, -5, -6, -7, -8
- D** -2, -1, 0, 1, 2

6 If + 5 means 5 units to the right, then -5 means 5 units

- A** forward
- B** to the right
- C** backward
- D** to the left

7  $133 + (-100) =$

- A** -33
- B** -30
- C** 33
- D** 233

8 If  $-25 + (-y) + 10 + 0$ , then the value of y is

- A** 40
- B** -35
- C** -25
- D** -15

9  $0 - (-8)$

- A** 8
- B** 0
- C** 9
- D** -8

- 10  $-50 - (-48) - 30 =$   
 A -20  
 B -32  
 C 88  
 D -8
- 11 Azlina spent a few months preparing for her SPM examination. Based on the given statement, state the unknown involved.  
 A Making preparations  
 B The number of months  
 C SPM examination  
 D Azlina
- 12 Orchard Z has  $s$  durian trees. select the letter which represents the object,  
 A None  
 B  $s, Z$   
 C  $s$   
 D  $Z$
- 13 Nursery  $p$  has  $q$  number of seedlings  $r$ ,  $s$  number of seedlings  $t$  and  $u$  number of seedlings  $v$ . The total number of seedlings in nursery  $p$  is  
 A  $p + q + r + s + t + u + v$   
 B  $p + r + u + v$   
 C  $r + t + v$   
 D  $q + s + u$

- 14 State the unknown and coefficient of  $-8z$ .

	Unknown	Coefficient
A	$z$	$-8$
B	$-z$	$8$
C	$8$	$-z$
D	$-8$	$z$

- 15 Which of the following are like terms.  
 $5y, 4x, -y, 0.3y, -3p, -2z$   
 A  $5y, 4x, -2z$   
 B  $0.3y, 5y, 4x$   
 C  $0.3y, -3z, 4x$   
 D  $5y, -y, 0.3y$
- 16 Which of the following is a pair of unlike terms?  
 A  $-5y, 7y$   
 B  $-\frac{1}{4}x, 5x$   
 C  $5r, -3s$   
 D  $-3s, 7s$

17 State the number of terms in the expression :

- A 5
- B 4
- C 3
- D 2

18 The sum of  $3x$  and  $2x$  is

- A  $2x - 3$
- B  $5x$
- C  $-5x$
- D  $-2x + 3$

19  $d$  subtracted from  $6d$  is

- A  $6d - d$
- B  $5d + d$
- C  $7d + d$
- D  $-5d + 2d$

20 Simplify the following expression:

$$8c - 3 + 2c - 4$$

- A  $6c - 7$
- B  $10c + 3$
- C  $10c - 7$
- D  $2a + 13$

21  $456 \text{ mm} =$

- A  $46.5 \text{ cm}$
- B  $4.65 \text{ cm}$
- C  $0.465 \text{ cm}$
- D  $0.0465 \text{ cm}$

22  $9 \text{ km } 8 \text{ m} =$

- A  $9.8 \text{ km}$
- B  $9.08 \text{ km}$
- C  $9.008 \text{ km}$
- D  $9.0008 \text{ km}$

23  $4 \text{ m } 65 \text{ cm} + 6 \text{ m } 52 \text{ cm} =$

- A  $10 \text{ m } 8 \text{ cm}$
- B  $11 \text{ m } 8 \text{ cm}$
- C  $10 \text{ m } 17 \text{ cm}$
- D  $11 \text{ m } 17 \text{ cm}$

- 24  $5 \text{ km } 25 \text{ m} - 2 \text{ km } 287 \text{ m} =$   
A 2 km 38 cm  
B 27 km 38 cm  
C 2 km 738 m  
D 7 km 738 m
- 25  $5 \text{ kg } 821 \text{ g} \times 9 =$   
A 52 kg 389 g  
B 45 kg  
C 52 kg 450 g  
D 45 kg 200 g
- 26  $9.72 \text{ kg} \div 9 =$   
A 1 kg 8 g  
B 1 kg 80 g  
C 1 kg 800  
D 1 kg 8 000 g
- 27 456 seconds =  
A 7 minutes 6 seconds  
B 7 minutes 36 seconds  
C 7 minutes 30 seconds  
D 7 minutes 42 seconds
- 28 Raffi's age is 14 years 3 months. If his brother is 2 years 5 months younger than him, calculate his brother's age.  
A 12 years 2 months  
B 12 years 10 months  
C 11 years 2 months  
D 11 years 10 months
- 29 Tee took 2 hours 35 minutes by bus to reach his grandmother's house. If Tee arrived at his grandmother's house at 1.25 p.m., at what time did he leave his house?  
A 11.50 a.m  
B 10.50 a.m  
C 9.50 a.m  
D 10.10 a.m
- 30 A train departed from town A at 2137 and arrived in town B at 0617 the following day. Calculate the time interval of the journey.  
A 9 hours 40 minutes  
B 8 hours 40 minutes  
C 8 hours 20 minutes  
D 15 hours 20 minutes.

**Instruction:** This paper consists of 14 questions. Answer **all** questions. Your answer must be written in the space provided. You must show your workings. Marks will be awarded for appropriate workings.

- 1 Arrange the following integers in the order from the smallest to the largest  
59, -183, -393, 13, 0, -64

Answer : \_\_\_\_\_

- 2 From the following integers, which is the largest?

-5, 55, -26, 35, -59

Answer: \_\_\_\_\_

- 3  $54 + \square - 30$

Answer : \_\_\_\_\_

- 4  $45 - 20 - (-28) =$

Answer: \_\_\_\_\_

- 5  $-14 - (-8) =$

Answer : \_\_\_\_\_

- 6  $-35 + (-19) + 12 =$

Answer : \_\_\_\_\_

- 7  $-17 - (-8) =$

Answer : \_\_\_\_\_

- 8 Determine whether each of the letters used in the following statements represents an unknown or an object.

(a) Mr R bought p kilograms of sugar.

Answer : \_\_\_\_\_

- 9 State a like terms for each of the following:

(a)  $y / 3$

Answer : \_\_\_\_\_

(b)  $-0.5s$

Answer: \_\_\_\_\_

**10** Simplify  $3x + 2 + 2x + 2$

Answer: \_\_\_\_\_

**11** Simplify  $4r + 6 + 7r - 2$

Answer: \_\_\_\_\_

**12** Complete the following:

(a)  $4.6 \text{ km} =$  \_\_\_\_\_  $\text{m}$

Answer: \_\_\_\_\_

(b)  $5.92 \text{ m} =$  \_\_\_\_\_  $\text{cm}$

Answer: \_\_\_\_\_

(c)  $0.29 \text{ km} =$  \_\_\_\_\_  $\text{cm}$

Answer: \_\_\_\_\_

**13** If Melissa fills  $2 \text{ kg } 20 \text{ g}$  of flours into 4 tins, what is the mass of flour, in g, in each tin?

Answer: \_\_\_\_\_

**14** Complete the following:

(a)  $5.42 \text{ kg} =$  \_\_\_\_\_  $\text{g}$

Answer : \_\_\_\_\_

(b)  $0.72 \text{ tonne} =$  \_\_\_\_\_  $\text{kg}$

Answer: \_\_\_\_\_

(f)  $4 \text{ tonne } 34 \text{ kg} =$  \_\_\_\_\_  $\text{tonne}$

Answer: \_\_\_\_\_

## Answer

1	B	2	C	3	C	4	D	5	C
6	D	7	C	8	D	9	A	10	B
11	B	12	D	13	D	14	A	15	D
16	C	17	C	18	B	19	A	20	C
21	A	22	C	23	D	24	C	25	A
26	B	27	B	28	D	29	B	30	B

1 Answer: -393, -183, -64, 0, 13, 59

2 Answer: 55

3 Answer: -84

4 Answer: 53

5 Answer: -6

6 Answer: -42

7 Answer: -9

8 Answer: P- unknown R – object

9 Answer: (a) 2y (b)-0.5s

10 Answer: 5x + 4

11 Answer: 11r + 4

12 Answer: (a) 4600 m (b) 592 cm (c) 2900 CM

13 Answer: 505 g

14 Answer: (a) 5420 g (b) 720 kg (f) 4.034 tonne