

HBC GRADE 6 MATHEMATICS REVISION TEST

Saturday 19 September 2026

TOPIC 3: MEASURES Total Marks: 25

Instructions: Answer all questions in the spaces provided. Show all necessary working where applicable.

SECTION A: MONEY (4 Marks)

1. Calculate the change received from \$200.00 after buying groceries worth \$147.50. (1 mark)
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2. A trader buys a school bag for \$15.00 and sells it for \$19.50. Calculate the profit made. (1 mark)
.....
3. Complete the missing entry on the invoice below for 3 exercise books bought at \$2.00 each:
 - Item: Exercise Books
 - Quantity: 3
 - Unit Price: \$2.00
 - Total Cost: (1 mark)
4. Convert \$1.50 into cents. (1 mark)
.....

SECTION B: TIME (4 Marks)

5. Convert 3 hours into minutes. (1 mark)
.....
6. Write 14:35 in 12-hour notation using a.m. or p.m. (1 mark)
.....

7. Express the date 1st of May 2026 in Standard International (SI) notation (yyyy/mm/dd). (1 mark)

.....

8. Find the total number of days in an ordinary year. (1 mark)

.....

SECTION C: MASS (3 Marks)

9. Convert 3 500 grammes into kilogrammes. (1 mark)

.....

10. Compare the following masses using the correct symbol (<, >, or =):

750 g 1 kg (1 mark)

11. A box has a gross mass of 45 kg and a tare mass (empty container mass) of 5 kg.

Calculate the net mass of the contents. (1 mark)

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SECTION D: LENGTH (3 Marks)

12. State the standard unit used to measure distances up to 10 metres. (1 mark)

.....

13. Convert 4 metres into centimetres. (1 mark)

.....

14. A piece of ribbon measures 2 m 45 cm long. Another piece measures 1 m 30 cm long.

Find the total length of both pieces combined. (1 mark)

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SECTION E: SHAPES (3 Marks)

15. State the number of lines of symmetry in a regular square. (1 mark)

.....

16. Name the geometrical part of a circle that passes through the centre and touches both sides of the circumference. (1 mark)

.....
17. Name a polygon that has 5 sides. (1 mark)
.....

SECTION F: PERIMETER (3 Marks)

18. Calculate the perimeter of a square whose side length is 6 cm. (1 mark)
.....

19. Calculate the perimeter of a rectangular garden measuring 10 m long and 4 m wide. (2 marks)
.....

SECTION G: AREA (5 Marks)

20. a) Calculate the area of a square playground with a side length of 7 m. (2 marks)
.....

b) Calculate the area of a triangle with a base of 8 cm and a perpendicular height of 5 cm. (3 marks)
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