Maths Grade 6 — Practice Exam 4 — Answers & Explanations

Answers to the 15 questions in the free preview.

Numeracy

1. A. 3/4
0.75 is 75 hundredths, which is 75/100. Dividing the top and bottom by 25 gives 3/4.

2. A. $1.35
Ana pays $15. $15 − $13.65 = $1.35. Count up: $13.65 + 35c = $14, and $1 more makes $15.

3. A. 5.4 cm
The key starts at 1 cm and ends at 6.4 cm, so it is 6.4 − 1 = 5.4 cm long. Reading only the end of the key gives 6.4 cm.

4. C. 10
Yellow is 1 of 4 equal parts, so it should come up about a quarter of the time. A quarter of 40 is 10.

5. B. week 2 and week 3
The steepest part of the graph is between week 2 and week 3, where the height goes from 22 cm to 38 cm, a growth of 16 cm.

6. D. 2.7
The space from 2 to 3 is split into 10 equal parts, so each mark is 0.1. The arrow is 7 marks past 2, at 2.7.

7. C. 10
Dawn was −6 °C and noon was 4 °C. From −6 up to 0 is 6 degrees, and from 0 up to 4 is 4 more, so the rise is 10 degrees. Answering 2 just finds the difference between 6 and 4.

8. C. 8
The back row has stacks of 2, 2 and 1, and the front row has three single cubes. 2 + 2 + 1 + 1 + 1 + 1 = 8.

9. B. 9
10% of 60 is 6 and 5% is 3, so 15% is 6 + 3 = 9.

10. Answer: 45
Each circle stands for 10 students, so half a circle stands for 5. The beach has 4 whole circles and a half: 40 + 5 = 45.

11. Answer: 50 520
Adding 1000 adds 1 to the thousands digit. 49 thousands plus 1 thousand is 50 thousands, so the answer is 50 520.

12. D. $30.30
The receipt adds to $9.80 + $7.50 + $2.40 = $19.70. Tim has $50.00 − $19.70 = $30.30 left.

13. C. 43 min
From 14:25 to 15:00 is 35 minutes, and from 15:00 to 15:08 is 8 more, so the trip takes 43 minutes.

14. A. January
The differences are 4, 3, 2, 1, 1 and 1 degrees from January to June. The lines are furthest apart in January.

15. Answer: 16 cm²
Split it into two rectangles: the top one is 5 × 2 = 10 cm² and the bottom one is 3 × 2 = 6 cm². 10 + 6 = 16 cm².

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PREVIEW

That’s the end of the preview answers

These are the answers to the 15 preview questions. The full answer key covers all 30 questions in Maths Grade 6 — Practice Exam 4, with the working behind every mark.

STILL TO COME	QUESTIONS	MARKS
Numeracy	15	15

The full paper comes with

- Every question, printed exactly like the ones in this preview
- The complete answer key, with the working behind every mark
- A topic report after marking, showing what to practice next

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