Maths Grade 5 — Practice Exam 1 — Answers & Explanations

Answers to the 15 questions in the free preview.

Numeracy

1. C.
Strip C has 5 of 8 equal parts shaded, and 5/8 is more than 4/8, which is one half. Strip B is exactly one half, and strips A and D are less than half.

2. B. How many siblings do you have?
The number of siblings is counted, so the answers are numbers. The other questions have answers that are words or categories.

3. D.
The data has one 2, two 3s, three 4s and one 5, which is dot plot D. Dot plot C has three 3s and only two 4s.

4. B. $6 \times 7 = 7 \times 6$
Multiplying in either order gives the same answer: 6×7 and 7×6 both make 42. Swapping the numbers in a subtraction or a division changes the answer.

5. B. 65°
Start from the 0 on the arm lying along the base line and read that scale: the other arm is at 65°. 115° comes from reading the other scale.

6. B. 1
The tallest column of dots is above 1, with 4 dots, so 1 pet is the most common. 4 is the largest number of pets, not the most common.

7. A. 12 cm²
Count the squares: 4 + 4 + 2 + 2 = 12, and each is 1 cm², so the area is 12 cm². 16 is the perimeter in centimetres, not the area.

8. B. 25
Work out the brackets first: $8 - 3 = 5$. Then $5 \times 5 = 25$. Ignoring the brackets and working left to right gives $5 \times 8 - 3 = 37$.

9. D. 2.75
The tenths are the first place after the decimal point. In 2.75 the 7 is in that place. In 2.57 the 7 is 7 hundredths.

10. Answer: 39 000
38 562 is between 38 000 and 39 000. The hundreds digit is 5, so it rounds up to 39 000.

11. D. 3:40 pm
Times after 12:00 in 24-hour time are in the afternoon or evening. $15 - 12 = 3$, so 15:40 is 3:40 pm. 5:40 comes from taking away 10 instead of 12.

12. C. 32
The pattern goes 4, 11, 18, 25, 32, … so 32 is in it. 28 and 35 are multiples of 7, but the pattern starts at 4, not 0.

13. Answer: 75 cm
3 m is 300 cm, and $300 \div 4 = 75$ cm.

14. D.
Net D is a 2 by 3 block. When it is folded, two squares land on top of each other and one face of the cube is left open. Nets A, B and C each fold into a cube.

15. Answer: 1250
2 L is 2000 mL, and $2000 - 750 = 1250$ mL.

PrepNest

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 5 — Practice Exam 1, 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

Get the full paper at

prepnest.com.au/practice/exams/math-grade_5-1

PrepNest