EXAM PAPER

Maths Grade 6 — Practice Exam 3

PREVIEW
This file has the first 15 of the 30 questions in this paper. The rest is locked: it comes with a PrepNest plan, or with the paper itself for VCE.

Total time: 45 minutes

SECTIONS IN THIS PAPER

- Numeracy — 45 min

INSTRUCTIONS

Answer every question you can. Write your working in the space provided for long-answer questions. Marking guidance and full explanations are provided in the separate answer key.

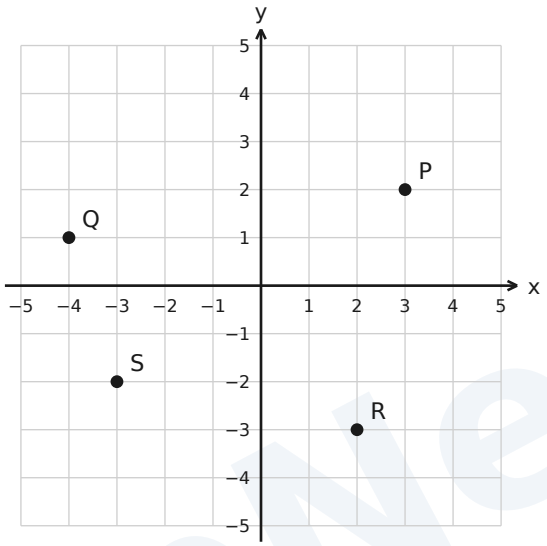
PrepNest

Numeracy

45 minutes

1. What is the next square number after 49?

2. What are the coordinates of point Q?



A. (1, −4)

B. (−4, 1)

C. (4, −1)

D. (−4, −1)

3. Which of these is both a square number and an even number?

A. 9

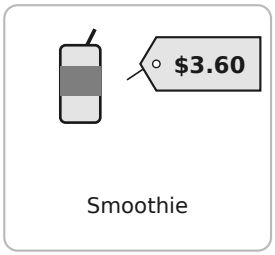
B. 18

C. 25

D. 16

PrepNest

4. How much do 4 smoothies cost?



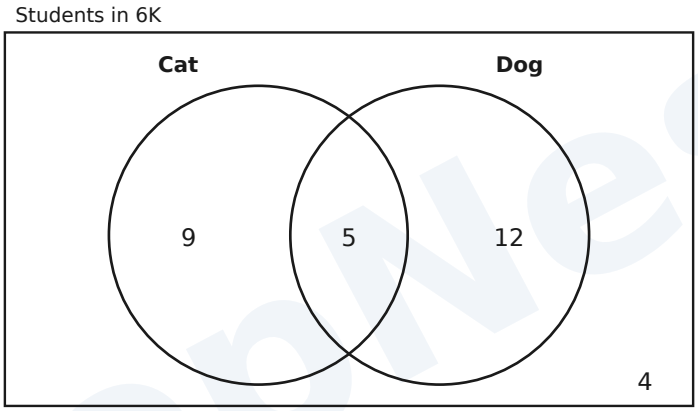
A. $12.40

B. $14.40

C. $144.00

D. $1.44

5. The diagram shows which students in 6K have a cat and which have a dog.
How many students have a cat but not a dog?



A. 5

B. 9

C. 14

D. 26

6. A number machine multiplies by 3 and then subtracts 2.
What number comes out when 12 goes in?

7. Jack’s birthday is 17 days after 25 March.
What is the date of Jack’s birthday?

A. 8 April

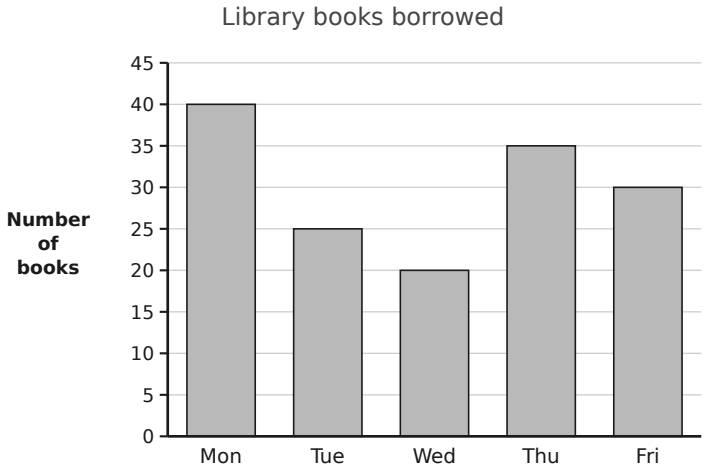
B. 12 April

C. 11 April

D. 42 March

PrepNest

8. On which day were exactly half as many books borrowed as on Monday?



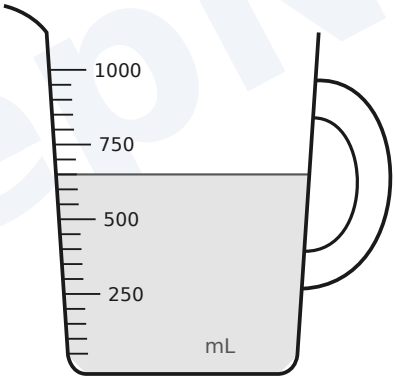
A. Tuesday

B. Thursday

C. Friday

D. Wednesday

9. The jug shows how much juice is left.
How many more millilitres of juice are needed to make 1 litre?



A. 35 mL

B. 450 mL

C. 350 mL

D. 650 mL

10. What is 7.48 rounded to one decimal place?

A. 7.4

B. 7.5

C. 7.48

D. 8

PrepNest

11. A train leaves at 10:48 am and arrives at 2:15 pm.
How long is the journey?

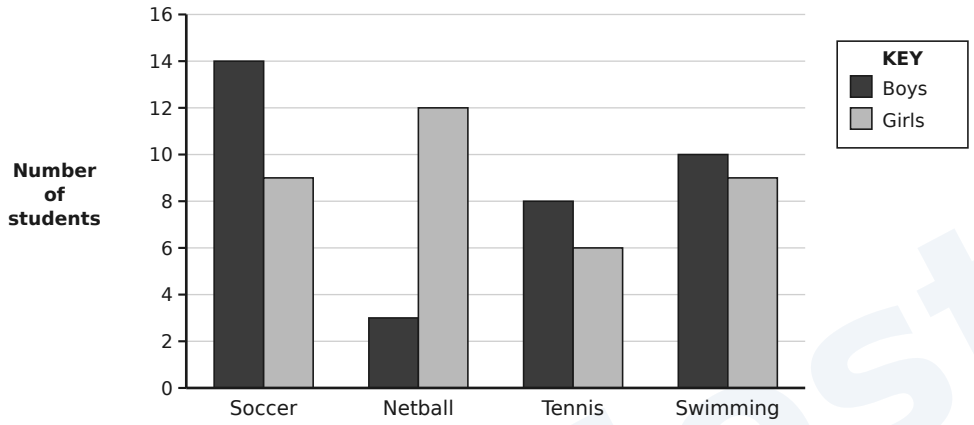
A. 3 hours 27 minutes

B. 4 hours 27 minutes

C. 3 hours 33 minutes

D. 3 hours 67 minutes

12. The graph shows how many boys and girls play each sport.
Which sport has more girls than boys?



A. Soccer

B. Tennis

C. Netball

D. Swimming

13. A plank 2.4 m long is cut into 6 equal pieces.
How long is each piece, in centimetres?

14. Which is longer, 1.5 hours or 95 minutes, and by how much?

A. 1.5 hours, by 5 minutes

B. 95 minutes, by 5 minutes

C. 95 minutes, by 45 minutes

D. They are the same length.

PrepNest

15. Each new design adds a row with one more counter than the previous row.
How many counters will be in Design 5?

Design 1

Design 2

Design 3



PrepNest

LOCKED The rest of the paper comes with a PrepNest plan · prepnest.com.au/pricing

16.

17.

18.

19.

20.

LOCKED The rest of the paper comes with a PrepNest plan · prepnest.com.au/pricing

21.

22.

23.

24.

LOCKED The rest of the paper comes with a PrepNest plan · prepnest.com.au/pricing

25.

26.

27.

28.

LOCKED The rest of the paper comes with a PrepNest plan · prepnest.com.au/pricing

29.

30.

- ○
- ○
- ○
- ○

15 questions locked, up to question 30.

PrepNest

PREVIEW

That’s the end of the preview

You’ve seen the first 15 of the 30 questions in Maths Grade 6 — Practice Exam 3. The full paper is worth 30 marks.

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_6-3

PrepNest