PrimaryTools 7+ Short Papers

Maths Paper 1

Warm-up level · 20 questions in 5 sections · 20 minutes
No calculator · For children in Year 2 preparing for 7+ entry

FREE SAMPLE PAPER

Name _____

Date _____

Score

/ 20

Instructions

- Read each question carefully. A grown-up can read the questions aloud if you like.
- Each question has four answers: A, B, C and D. Only one is right. Draw a circle around the letter of your answer.
- There are five sections. In each section the questions start easier and get harder.
- If you get stuck, move on – the next section starts with an easier question. Come back at the end.
- You can use spare paper for working out. You may not use a calculator.

For parents

These papers are about half the length of a typical 7+ maths paper, so practice stays short. Set a timer for 20 minutes – at this age it's fine to pause, or to let your child finish. You can read the questions aloud. Mark the paper with the answer guide: every question is worked through, with a note on what each wrong answer usually means. Copy the five section scores into the PrimaryTools 7+ Maths tracker.
This is the free sample paper. Papers 2–14, building from warm-up to elite level, are available at primarytools.co.uk/7-plus-practice-papers.

Primary Tools

Section 1: Number and place value

Questions 1–4

1 What number is 3 tens and 2 ones?

A 32 B 23 C 5 D 42

2 Which of these numbers is even?

A 61 B 41 C 69 D 96

3 Which number is one hundred and fifty-three?

A 135 B 1,053 C 163 D 153

4 What is the next number? 24, 21, 18, 15, 12, ...

A 12 B 6 C 9 D 8

Section 2: Adding and subtracting

Questions 5–8

5 Work out 18 − 7.

A 10 B 11 C 13 D 25

6 What number goes in the box? $\square - 8 = 9$

A 18 B 9 C 1 D 17

7 What number goes in the box? $9 + \square = 20$

A 11 B 29 C 10 D 12

8 Work out 34 + 17.

A 51 B 41 C 52 D 50

Section 3: Multiplying, dividing and fractions

Questions 9–12

9 What is 11 × 2?

A 13 B 20 C 24 D 22

10 What fraction of the shape is shaded?



A $\frac{4}{2}$ B $\frac{2}{5}$ C $\frac{1}{4}$ D $\frac{2}{4}$

11 40 counters are shared equally between 10 children. How many does each child get?

A 4 B 5 C 30 D 400

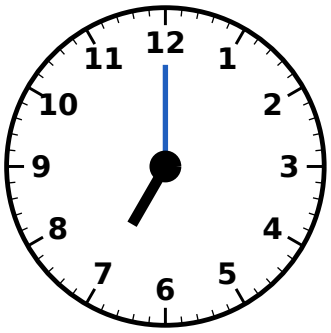
12 What is double 13?

A 15 B 27 C 26 D 36

Section 4: Money, time and measures

Questions 13–16

13 What time does the clock show?



- **A** half past 7
- **B** 12 o'clock
- **C** 7 o'clock
- **D** 8 o'clock

14 Which is the best estimate? How tall is a door?

- **A** 20 m
- **B** 2 m
- **C** 2 km
- **D** 2 cm

15 Harry buys a toy car for 70p and pays with £1. How much change should Harry get?

- **A** 20p
- **B** 70p
- **C** 30p
- **D** 40p

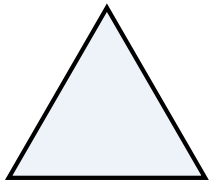
16 Jack's ribbon is 21 cm. Grace's ribbon is 49 cm. How much longer is the second ribbon?

- **A** 28 cm
- **B** 38 cm
- **C** 49 cm
- **D** 70 cm

Section 5: Shape, data and problems

Questions 17–20

17 How many corners does this shape have?



A 2 B 3 C 4 D 6

18 What number does this tally show?

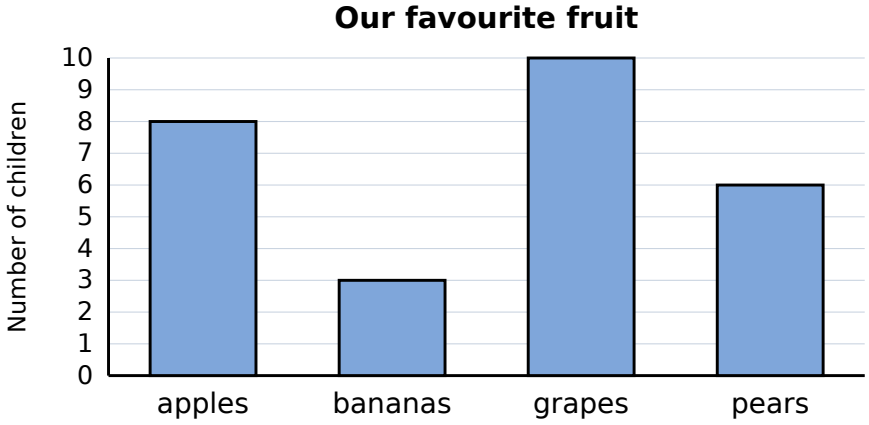


A 5 B 9 C 8 D 14

19 Harry is facing South. Harry makes a quarter turn anticlockwise. Which way is Harry facing now?

A West B North C East D South

20 Look at the chart ‘Our favourite fruit’. How many more for grapes than for pears?



(A) 5 (B) 4 (C) 10 (D) 16

End of the paper. Well done! Go back and check your answers.

For grown-ups: scores

Mark with the PrimaryTools answer guide for Maths Paper 1.

Number and place value	Questions 1–4	/ 4
Adding and subtracting	Questions 5–8	/ 4
Multiplying, dividing and fractions	Questions 9–12	/ 4
Money, time and measures	Questions 13–16	/ 4
Shape, data and problems	Questions 17–20	/ 4
Total		**/ 20**