

Year 3 Mathematics

Mock Paper A

30 questions • 30 practice marks

Name: _____

Class: _____ Date: _____

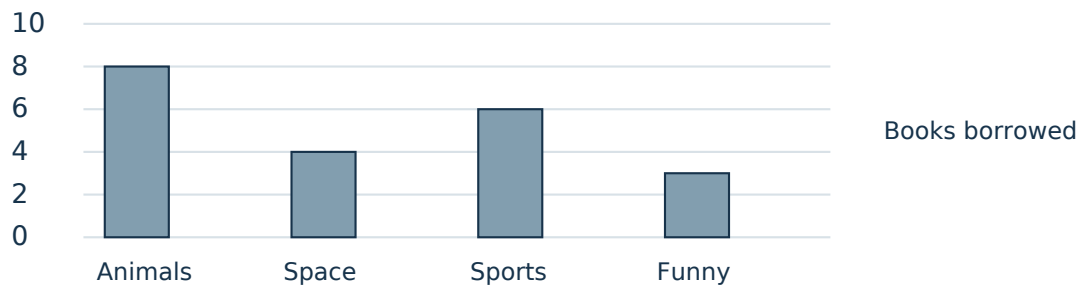
Before you begin

- Read each question carefully.
- Use the two answer sheets at the back. For a choice question, write its letter. For other questions, write your answer.
- You can show your working beside the question or on spare paper.
- If a question is tricky, try the next one. Come back to it later.
- Check your answers when you finish.

Teacher: choose a suitable pace. Suggested practice: two sessions of 15 questions. Confirm calculator and reading-support arrangements before starting. These are practice suggestions, not official SMART rules.

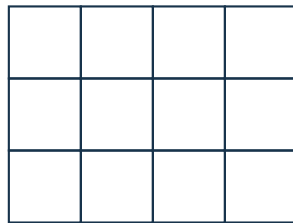
Original MrColeman Maths practice. Not an official SMART assessment.

- 01** The graph shows books borrowed from a class library. Which type was borrowed most?



- A Space books
B Sports books
C Funny books
D Animal books

- 02** How many small squares cover this rectangle?

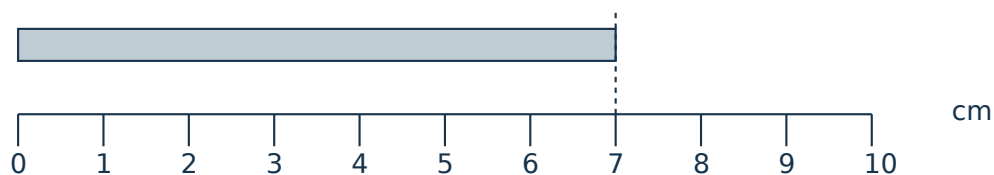


- A 10 squares
B 14 squares
C 12 squares
D 7 squares

- 03** A pattern repeats: circle, square, star. It begins circle, square, star, circle, square. What comes next?

- A Star
B Triangle
C Square
D Circle

- 04** The ribbon begins at 0 on the ruler. How long is it?



Write your answer on the answer sheet.

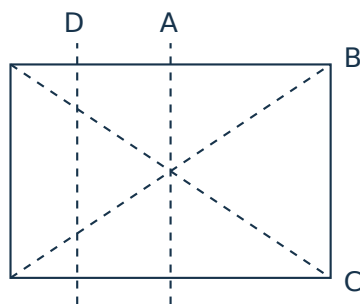
- 05** $600 + \underline{\quad} + 9 = 679$. What is the missing number?
A 70 B 7
C 700 D 79

- 06** Which fraction is largest?
- A $\frac{1}{8}$ B $\frac{1}{10}$
- C $\frac{1}{2}$ D $\frac{1}{4}$

- 07** There are 4 plates with 8 crackers on each. How many crackers are there?

Write your answer on the answer sheet.

- 08** Which labelled dashed line divides this rectangle into two matching halves that fold onto each other?



Write your answer on the answer sheet.

- 09** Each tally mark stands for one child. How many children are shown altogether?

Walk		
Bike		
Car		

A 26

B 24

C 21

D 23

10 Which number sentence is NOT true?

A $8 + 4 = 15 - 2$

B $9 + 2 = 14 - 3$

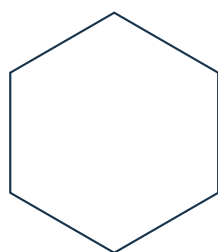
C $10 - 3 = 4 + 3$

D $7 + 5 = 6 + 6$

11 What is one quarter of 24?

Write your answer on the answer sheet.

12 What is the name of this shape?



A Octagon

B Hexagon

C Triangle

D Pentagon

13 Round 752 to the nearest hundred.

Write your answer on the answer sheet.

14 Calculate $468 + 357$.

Write your answer on the answer sheet.

15 Which fraction is equal to $\frac{2}{8}$?

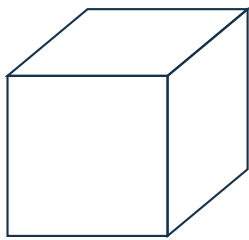
A $\frac{1}{3}$

B $\frac{1}{2}$

C $\frac{1}{4}$

D $\frac{2}{4}$

16 All six faces of this block are equal squares. What is its shape?



- A Cylinder
- C Cone

- B Sphere
- D Cube

17 There are 17 oranges in a basket. Seven are eaten. How many remain?

- A 11
- B 24
- C 10
- D 9

18 Which bus route takes the longest time?

Bus route	Time
Beach	30 min
Forest	45 min
Museum	20 min
Farm	65 min

- A Beach
- B Farm
- C Forest
- D Museum

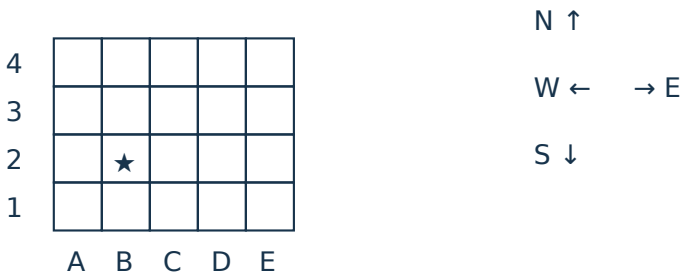
- 19 The beach bus takes 30 minutes each way. How long is the journey there and back?
A Two hours
B Exactly one hour
C Less than one hour
D More than one hour

- 20 The museum route takes 20 minutes. Which route takes 10 minutes longer?

Bus route	Time
Beach	30 min
Forest	45 min
Museum	20 min
Farm	65 min

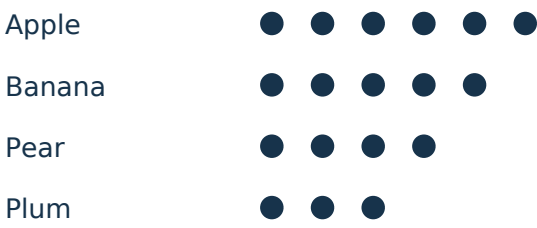
- A Forest
B Farm
C Beach
D Museum

- 21 Start at the star in B2. Move 2 squares east, then 1 square north. In which square do you finish?



- A C3
B D1
C A3
D D3

22 Each dot stands for one child. How many children chose a fruit?



Write your answer on the answer sheet.

23 Look at the bags. What is the total mass of group A?

Group	Number of bags	Mass of each bag
A	4	2 kg
B	2	5 kg
C	1	10 kg

- A 10 kg
- B 8 kg
- C 6 kg
- D 2 kg

24 Group A has four 2 kg bags. Group B has two 5 kg bags. Group C has one 10 kg bag. Which groups have the same total mass?

A All three groups

B A and C

C A and B

D B and C

- 25** Group C starts with one 10 kg bag. Three more 10 kg bags are added. What is the new total mass?

Write your answer on the answer sheet.

-
- 26** Find the missing number: $4 \times 6 = 3 \times \underline{\quad}$.
- | | |
|-----|------|
| A 8 | B 12 |
| C 6 | D 7 |

-
- 27** A bottle contains 600 mL of water. Someone pours out 250 mL. How much remains?
- | | |
|----------|----------|
| A 350 mL | B 450 mL |
| C 250 mL | D 850 mL |
-

- 28** A notebook costs \$7.50. Which set of money pays exactly this amount?
- | | |
|-------------------|-------------------|
| A \$2 + \$2 + 50c | B \$5 + \$1 + 50c |
| C \$5 + \$2 + 20c | D \$5 + \$2 + 50c |

-
- 29** A \$9 toy is sold for half price. What does it cost now?
- | | |
|----------|----------|
| A \$4 | B \$8.50 |
| C \$4.50 | D \$5 |

-
- 30** A stall sells bookmarks for \$3 and badges for \$4. A teacher buys 4 bookmarks and 3 badges. What is the total cost?

Write your answer on the answer sheet.

Answers 1-15

Name: _____ Class: _____

1 A / B / C / D: _____

2 A / B / C / D: _____

3 A / B / C / D: _____

4 Answer: _____

5 A / B / C / D: _____

6 A / B / C / D: _____

7 Answer: _____

8 Answer: _____

9 A / B / C / D: _____

10 A / B / C / D: _____

11 Answer: _____

12 A / B / C / D: _____

13 Answer: _____

14 Answer: _____

15 A / B / C / D: _____

Answers 16-30

Name: _____ Class: _____

16 A / B / C / D: _____

17 A / B / C / D: _____

18 A / B / C / D: _____

19 A / B / C / D: _____

20 A / B / C / D: _____

21 A / B / C / D: _____

22 Answer: _____

23 A / B / C / D: _____

24 A / B / C / D: _____

25 Answer: _____

26 A / B / C / D: _____

27 A / B / C / D: _____

28 A / B / C / D: _____

29 A / B / C / D: _____

30 Answer: _____