PrimaryTools 7+ Short Papers

Reasoning Paper 1

Warm-up level · 20 questions · 20 minutes
8 verbal reasoning + 12 non-verbal reasoning questions

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.
- In each section the questions start easier and get harder. If you get stuck, move on and come back at the end.
- The picture puzzles are in three sections. Each section starts with an example – look at it first.
- You may write and draw on the paper.

For parents

Part 1 is verbal reasoning (puzzles with words and letters). Part 2 is non-verbal reasoning (puzzles with shapes and patterns). Many 7+ schools set both. Set a timer for 20 minutes and read the questions aloud if that helps. At this age it's fine to pause. Mark the paper with the answer guide: it explains every answer and what each wrong answer usually means.
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

Part 1: Verbal reasoning

Questions 1–8

Word meanings

Questions 1–2

1 Which word means the opposite of ‘hot’?

A sunny | B warm | C cold | D fire

2 Which word means the same, or nearly the same, as ‘big’?

A heavy | B large | C small | D tall

Making words

Questions 3–4

3 Which word can go after ‘foot’ to make one new word?

A ball | B shoe | C toe | D sock

4 Which letter can finish the first word AND start the second word?
ur _ _ ut

A c | B n | C b | D h

Letters and codes

Questions 5–6

5 Which letter comes next? H J L N ?

A O | B Q | C P | D R

6 If A = 1, B = 2, C = 3 and so on, what word is 2 5 5 ?

A CEE | B EEB | C BFE | D BEE

Links and logic

Questions 7–8

7 Bird is to nest as bee is to …

(A) flower (B) hive (C) sting (D) honey

8 Which word belongs with these three? robin, owl, duck

(A) bee (B) frog (C) swan (D) bat

Part 2: Non-verbal reasoning

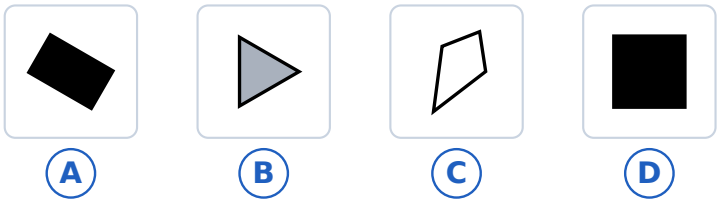
Questions 9–20

Section 1: Odd one out

Questions 9–12

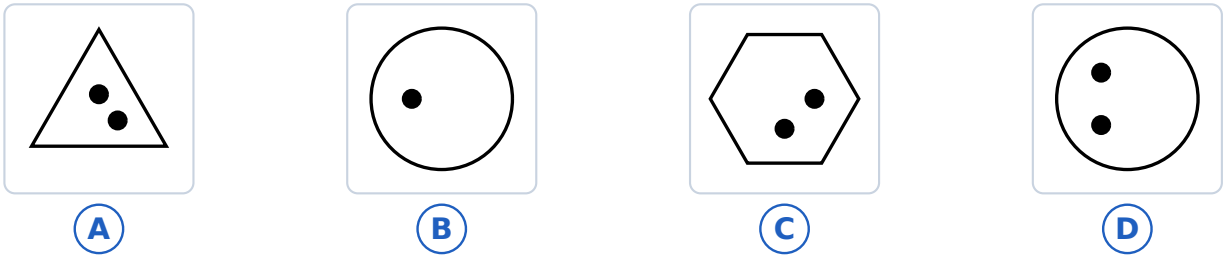
Three of the pictures are alike in some way. Find the one that is different.

Example:

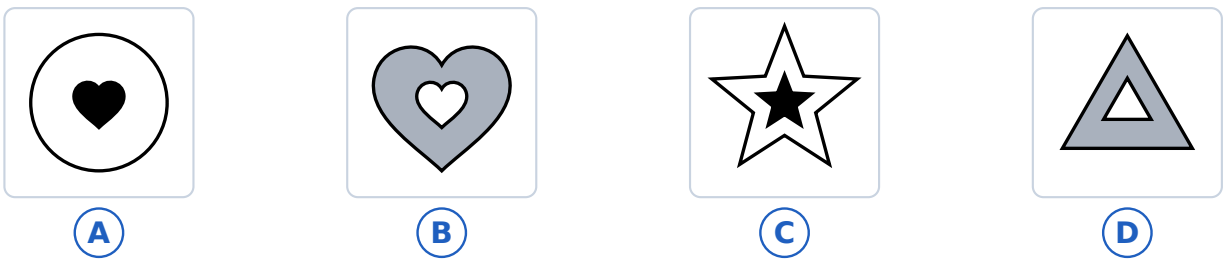


The answer is B

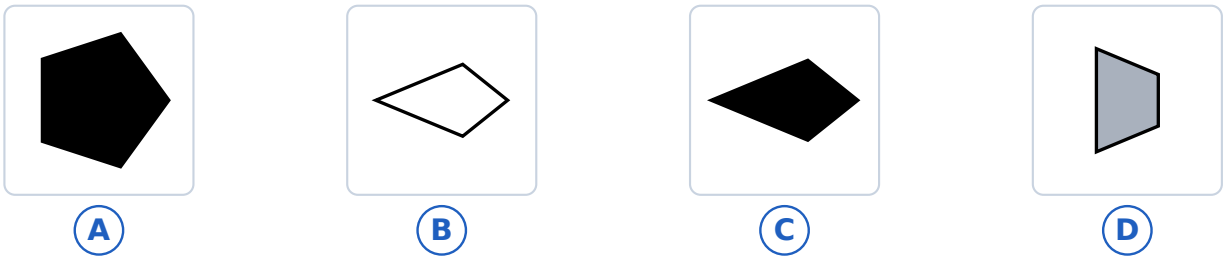
9



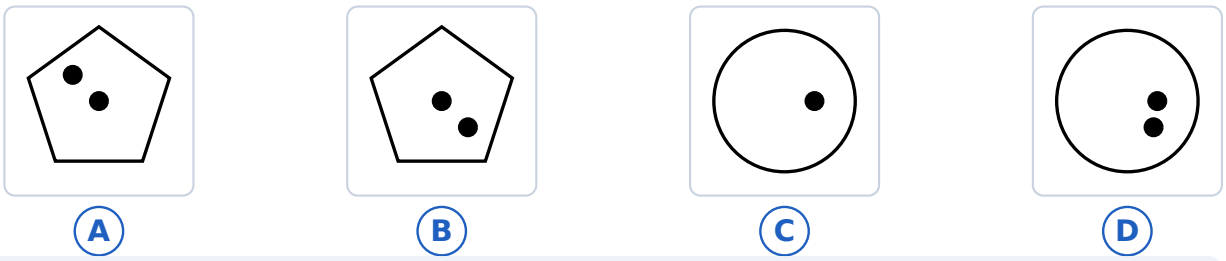
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12

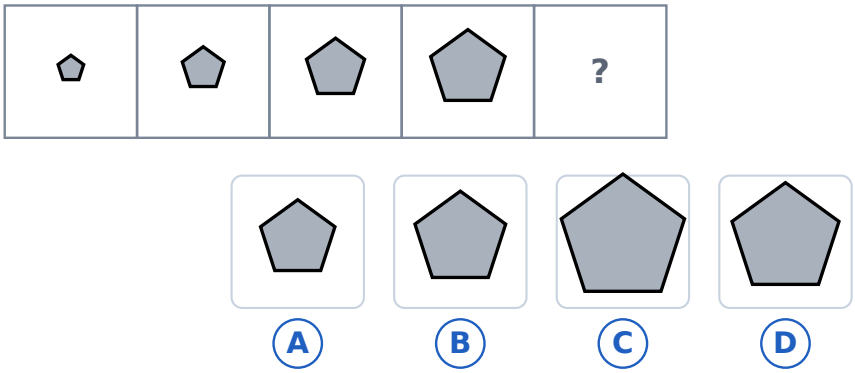


Section 2: What comes next?

Questions 13–16

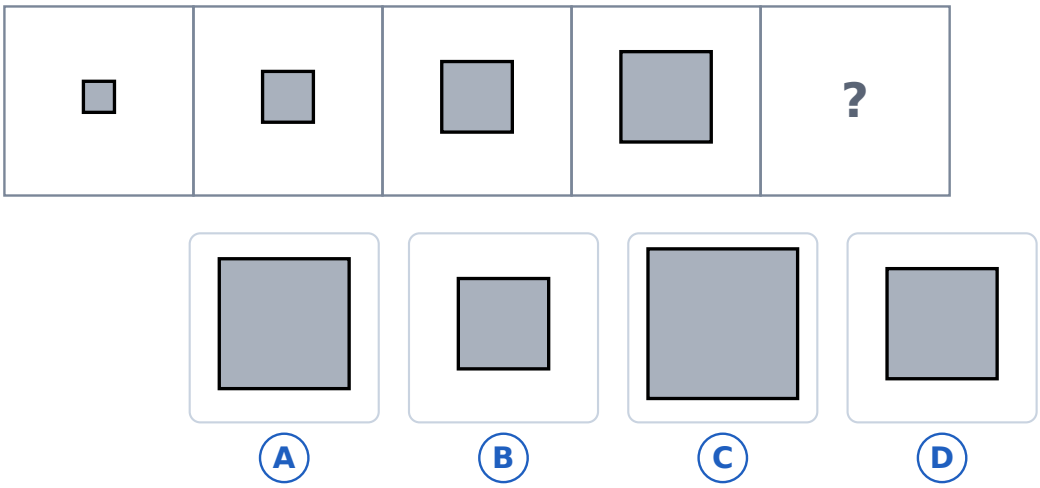
The pictures make a pattern. Find the picture that goes in the empty square.

Example:

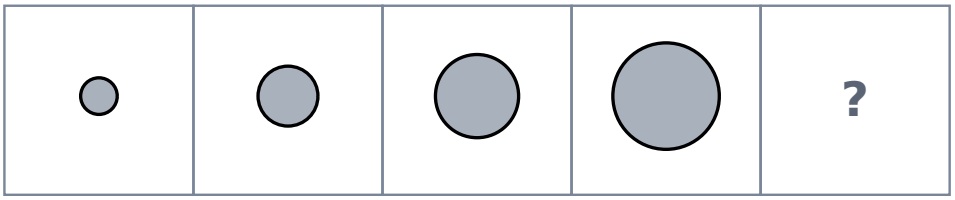


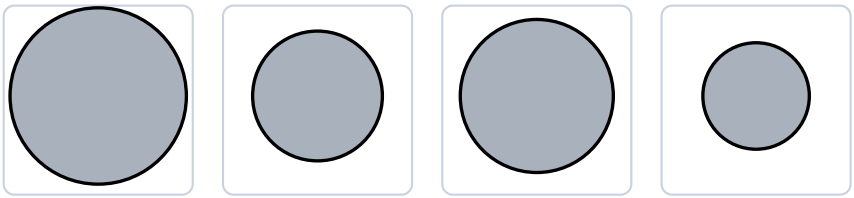
The answer is B

13



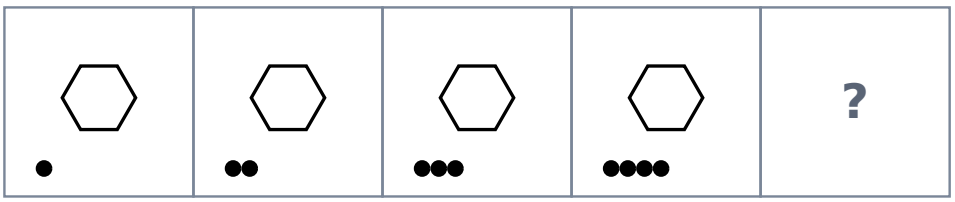
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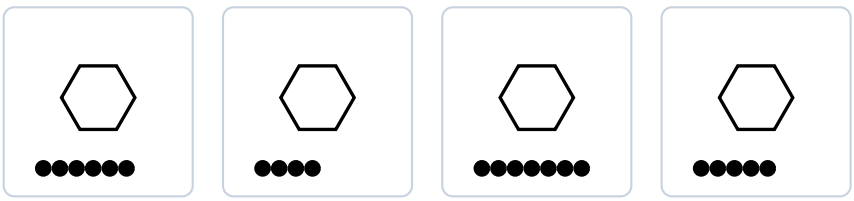




A B C D

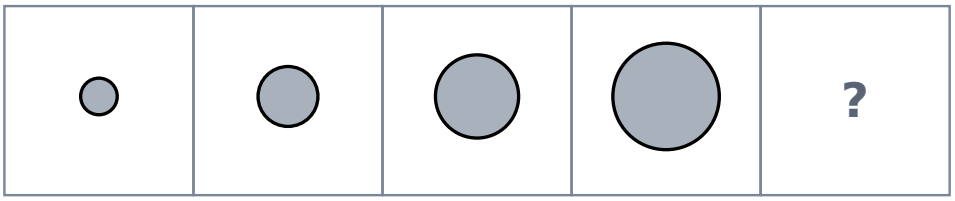
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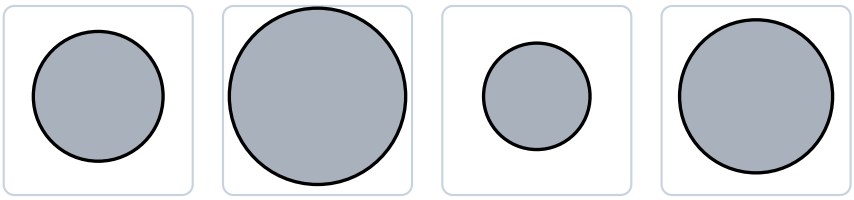




A B C D

16





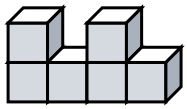
A B C D

Section 3: Counting cubes

Questions 17–20

Count all the cubes in the stack.

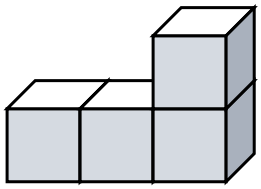
Example: How many cubes are in this stack?



7	6	5	8
A	B	C	D

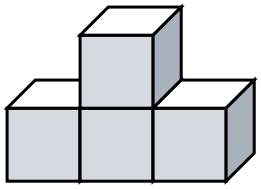
The answer is B

17 How many cubes are in this stack?



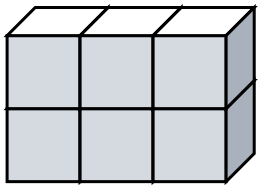
3	5	6	4
A	B	C	D

18 How many cubes are in this stack?



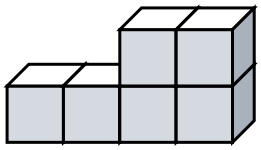
6	3	5	4
A	B	C	D

19 How many cubes are in this stack?



6	7	8	5
A	B	C	D

20 How many cubes are in this stack?



A	B	C	D
5	7	6	8

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

For grown-ups: scores

Mark with the PrimaryTools answer guide for Reasoning Paper 1.

Verbal: Word meanings	Questions 1–2	/ 2
Verbal: Making words	Questions 3–4	/ 2
Verbal: Letters and codes	Questions 5–6	/ 2
Verbal: Links and logic	Questions 7–8	/ 2
Non-verbal: Odd one out	Questions 9–12	/ 4
Non-verbal: What comes next?	Questions 13–16	/ 4
Non-verbal: Counting cubes	Questions 17–20	/ 4
Total		**/ 20**