

2021 national curriculum tests

Key stage 2

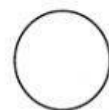
Mathematics

Paper 2: reasoning

- I. Match the names of the 2D shapes to the correct description using a line.

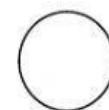
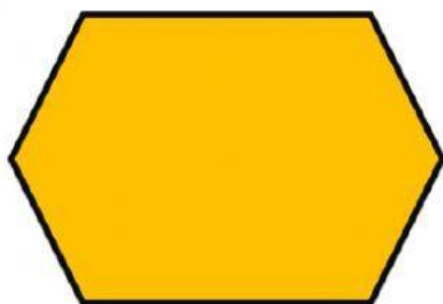
- A** Pentagon
- B** Hexagon
- C** Heptagon
- D** Octagon
- E** Nonagon
- F** Decagon

- i** 10-sided shape
- ii** 5-sided shape
- iii** 9-sided shape
- iv** 6-sided shape
- v** 7-sided shape
- vi** 8-sided shape



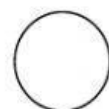
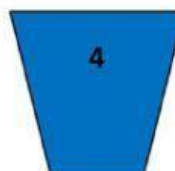
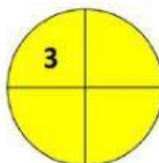
12 marks

- II. a. How many pairs of parallel lines does the shape have?



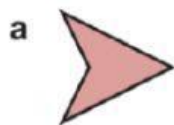
2 marks

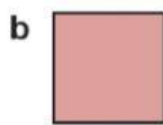
- b. Which shapes below have perpendicular lines?



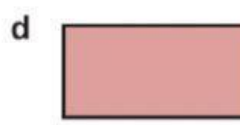
3 marks

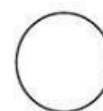
c. How many lines of symmetry does each shape have?











10 marks

III. **Tick (/) 2 numbers** that can be **rounded** to **8,000**.

☐

7450

☐

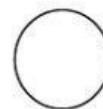
8,550

☐

8,200

☐

7,860



4 marks

IV. **Tick 2 series** of numbers that are arranged from **greatest to least**.

☐

972 969 958 947

☐

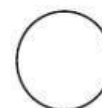
784 745 778 768

☐

987 897 798 697

☐

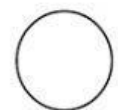
934 586 735 967



4 marks

V. Write the **correct symbol** in each box to make the statements correct.

$>$	$=$	$<$
24281		24291
117656		117566
$3 + 4$		3×4
800		80
$400 + 3$		403



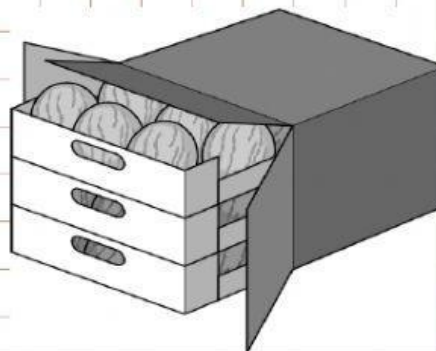
5 marks

VI. Read each word problem then solve. Show your working in the box.

a.	<p>A shop stock 534 pairs of shoes. If the shoes are stored in piles of 6, How many piles should the shop make?</p> <div style="border: 1px solid #ccc; height: 150px; width: 100%;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p>4 marks</p>
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b.

A box contains **3 trays** of melons. There are **25 melons** in a tray. How many melons are there in all?



3 marks

c.

Carlo spent **BD 800** for laptop, **BD 90** for camera, and **BD 300** for CD player. How much did he spend in all?

3 marks

The End