

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

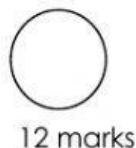
ii 5-sided shape

iii 9-sided shape

iv 6-sided shape

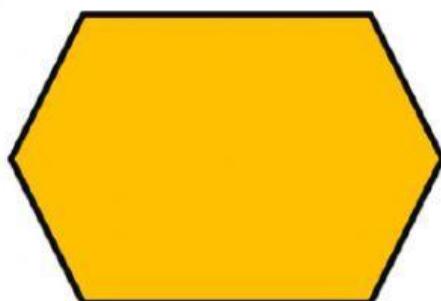
v 7-sided shape

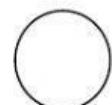
vi 8-sided shape



12 marks

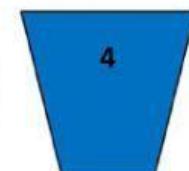
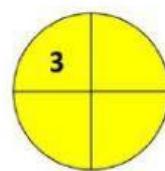
II. a. How many pairs of parallel lines does the shape have?





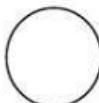
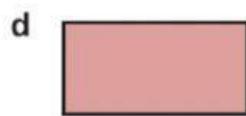
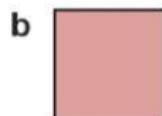
2 marks

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.

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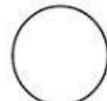
24281 24291

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.

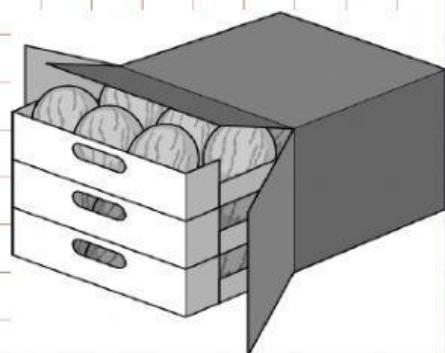
a.

A shop stock **534 pairs** of shoes. If the shoes are stored in **piles of 6**, How many piles should the shop make?

4 marks

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