

CGP 11+ Non-Verbal Reasoning Practice Book

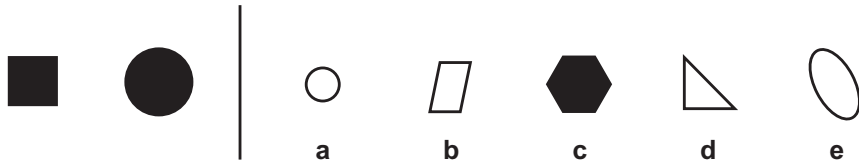
Assessment Test 1

If you want to answer these questions in multiple-choice format, use the separate multiple-choice answer sheet. If you'd prefer to answer them in standard write-in format, just follow the instructions in the question. The test should take around 30 minutes.

Section 1 – Find the Figure Like the First Two

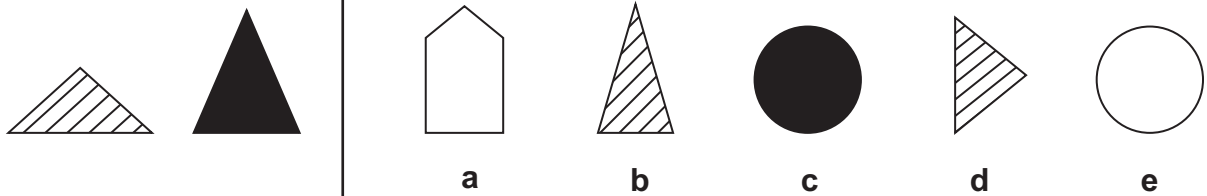
For each question below there are two figures that are like each other in some way. Find which of the five figures on the right is most like the two figures on the left.

Example:

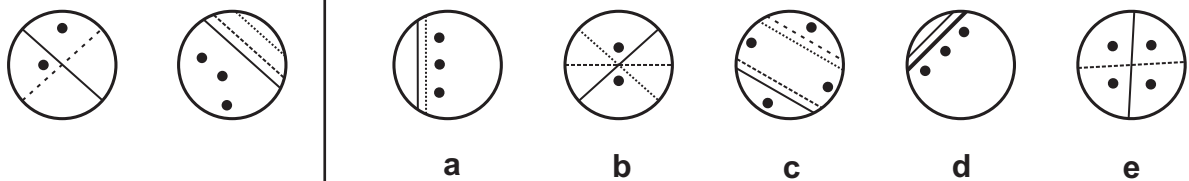


Answer: c

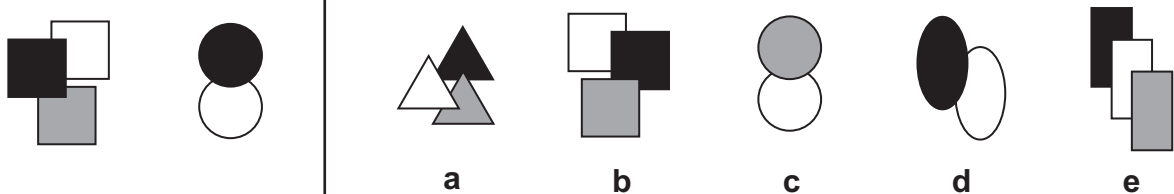
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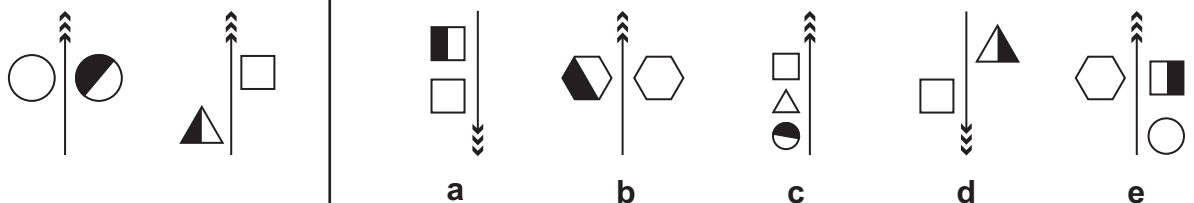
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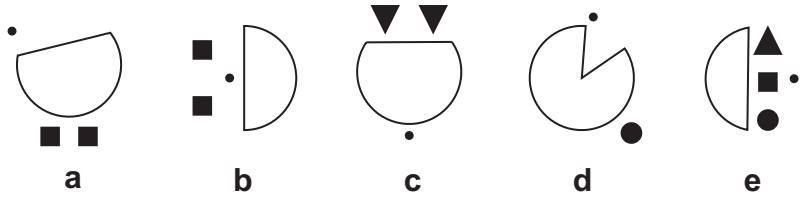
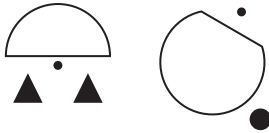
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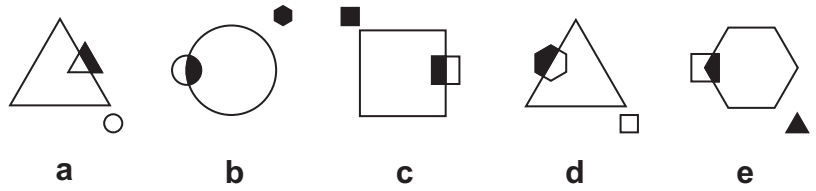
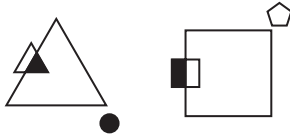
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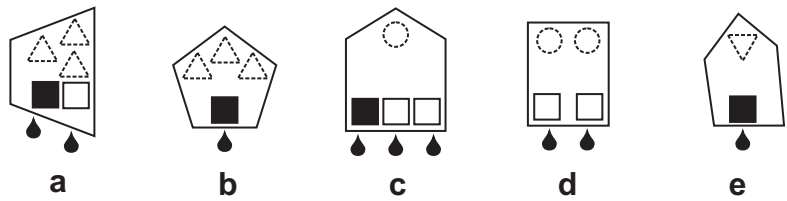
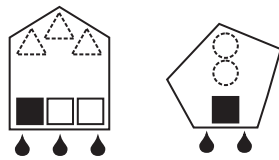
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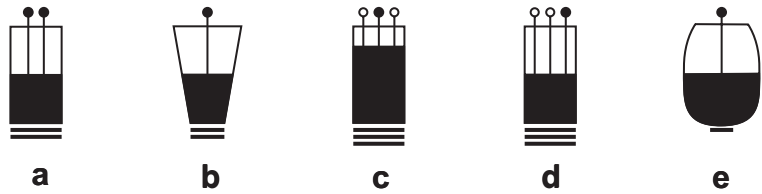
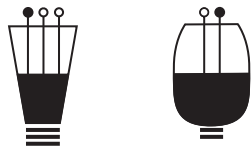
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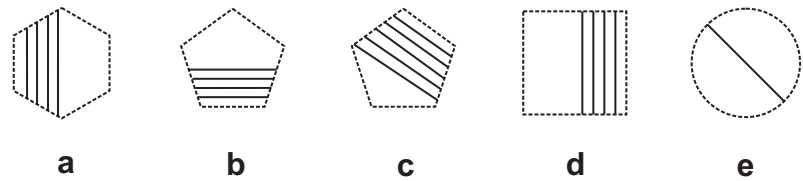
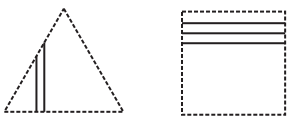
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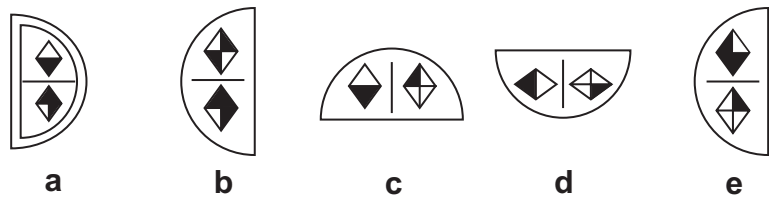
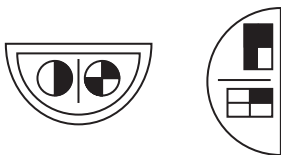
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9



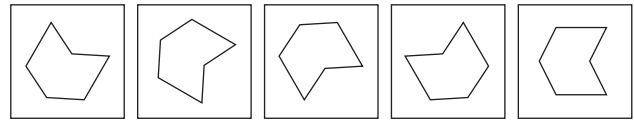
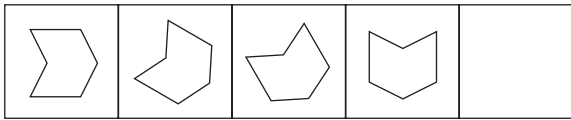
10



Section 2 – Complete the Series

Each of these questions has five squares on the left that are arranged in order. One of the squares is missing. One of the squares on the right should go in its place. Find which one of the five squares on the right should go in place of the empty square.

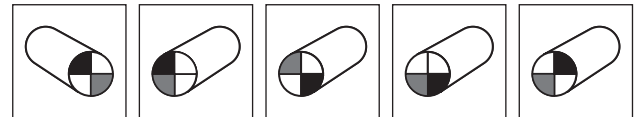
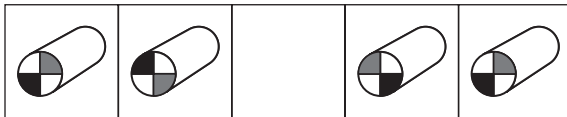
Example:



a b c d e

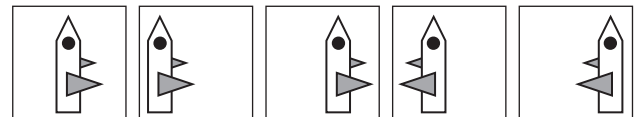
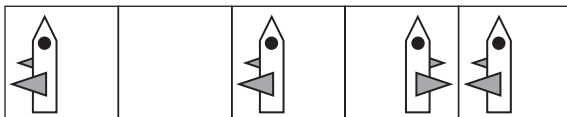
Answer: a

1



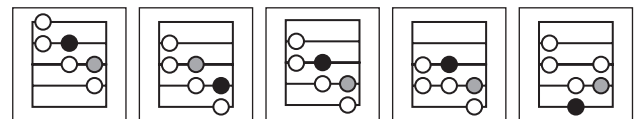
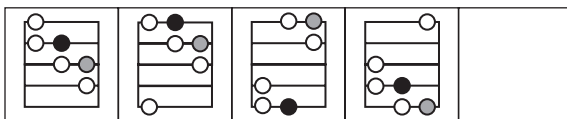
a b c d e

2



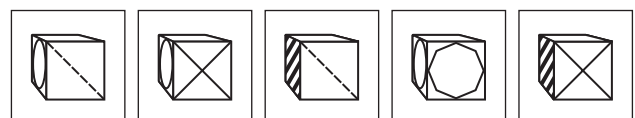
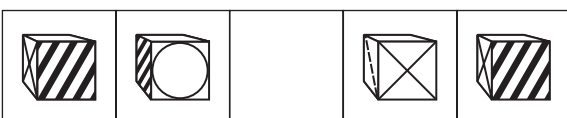
a b c d e

3



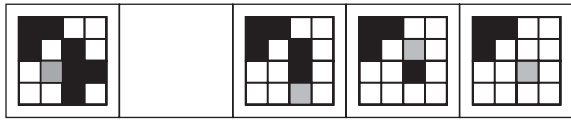
a b c d e

4



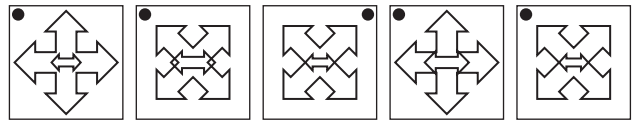
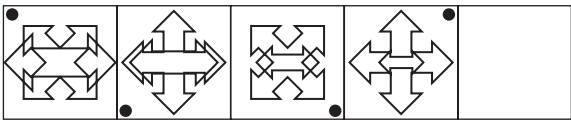
a b c d e

5



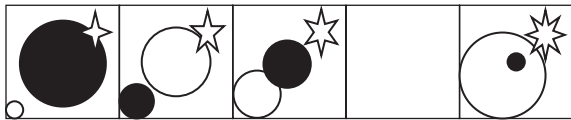
a b c d e

6



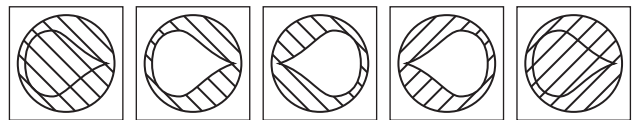
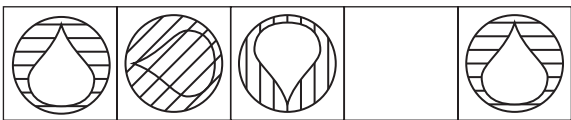
a b c d e

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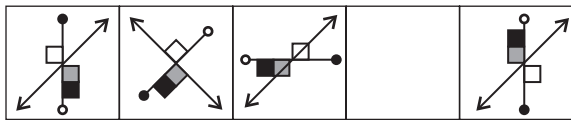
a b c d e

8



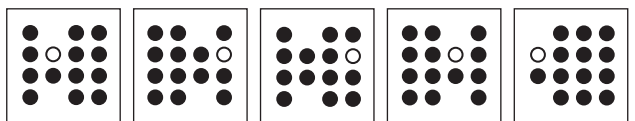
a b c d e

9



a b c d e

10

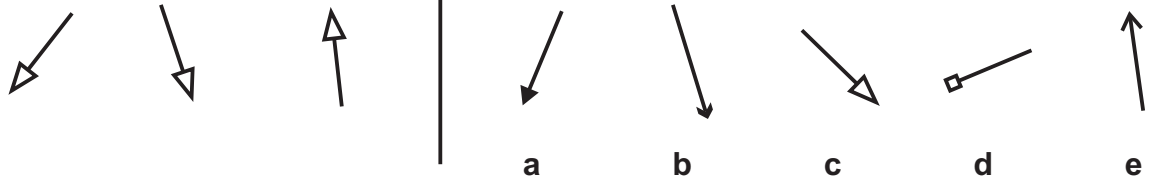


a b c d e

Section 3 – Find the Figure like the First Three

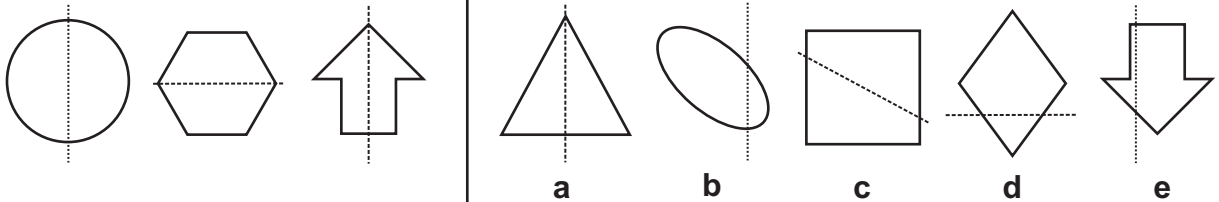
For each of the questions below there are three figures that are like each other in some way. Find which of the five figures on the right is most like the three figures on the left.

Example:

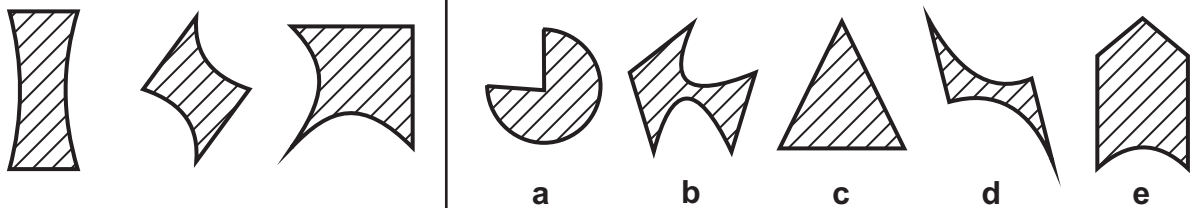


Answer: c

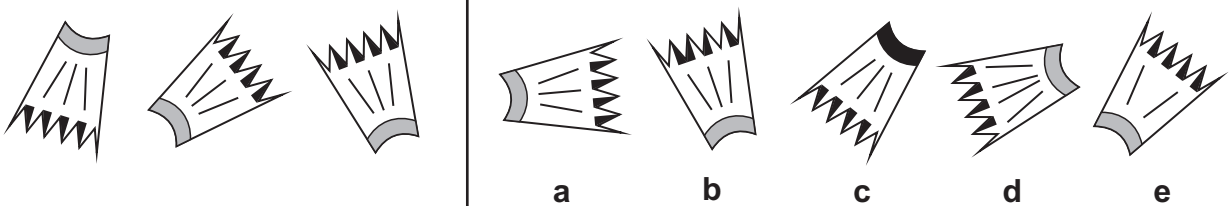
1



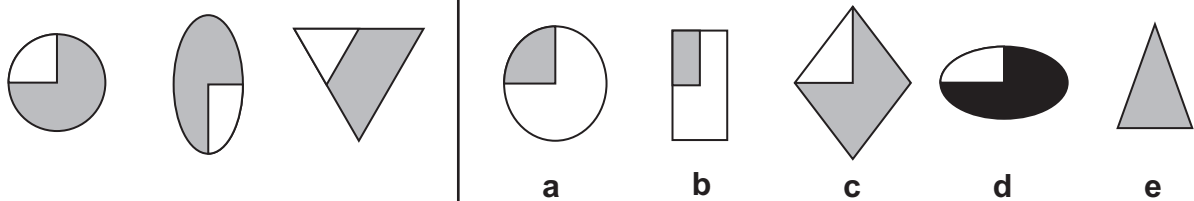
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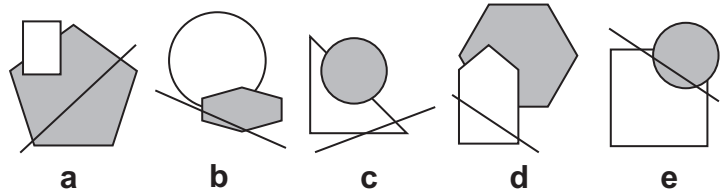
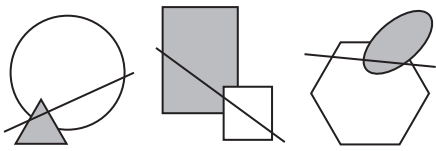
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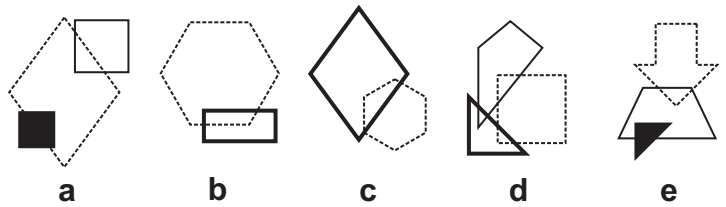
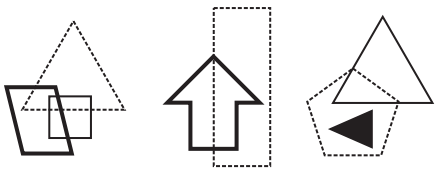
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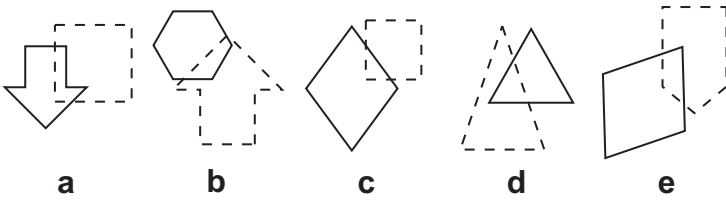
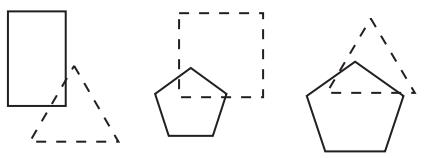
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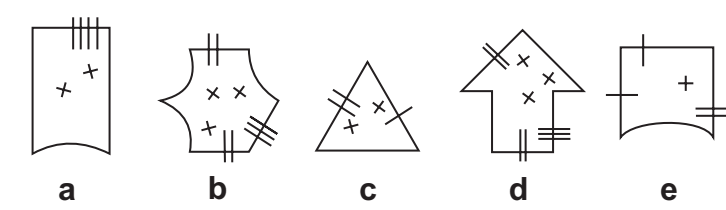
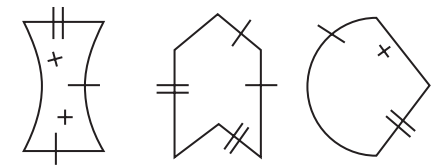
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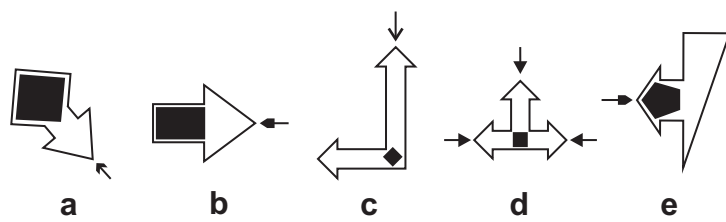
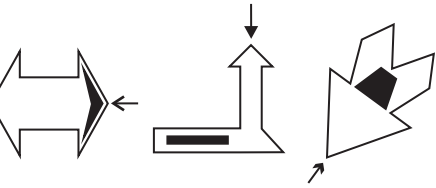
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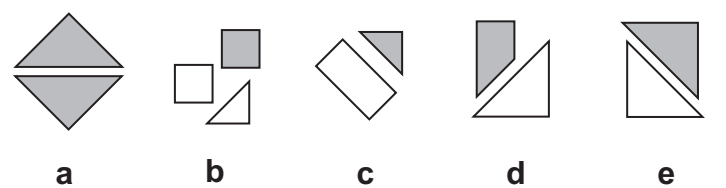
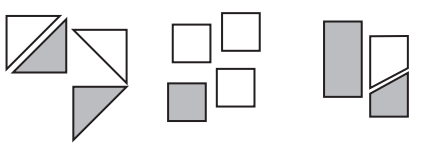
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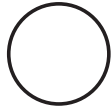
Section 4 – Odd One Out

Each of the questions below has five figures.
Find which figure in each row is most unlike the others.

Example:



a



b



c



d



e

Answer: b

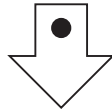
1



a



b



c



d



e

2



a



b



c

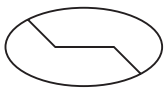


d



e

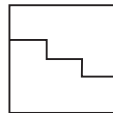
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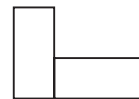
a



b



c

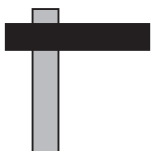


d



e

4



a



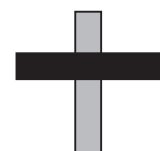
b



c

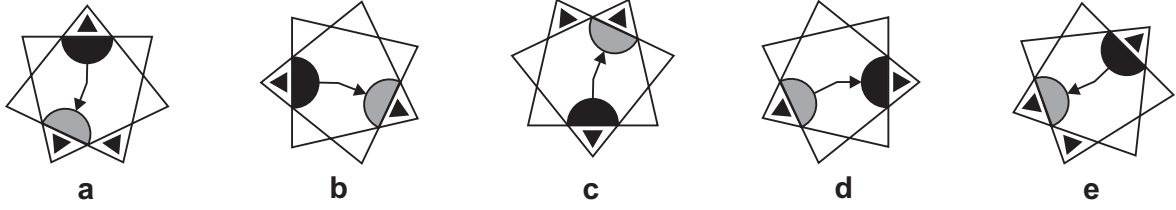


d

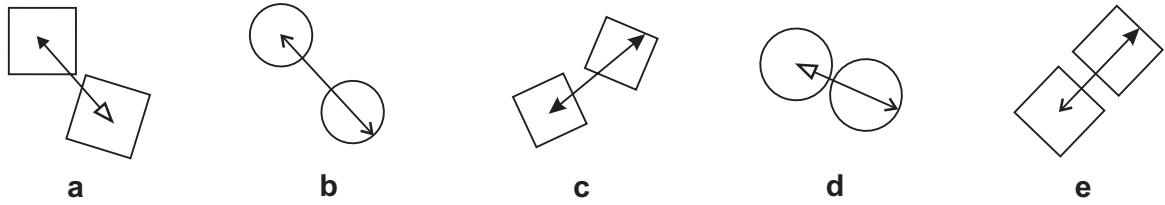


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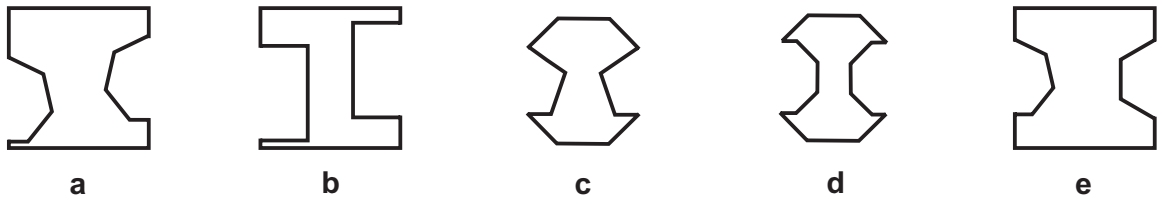
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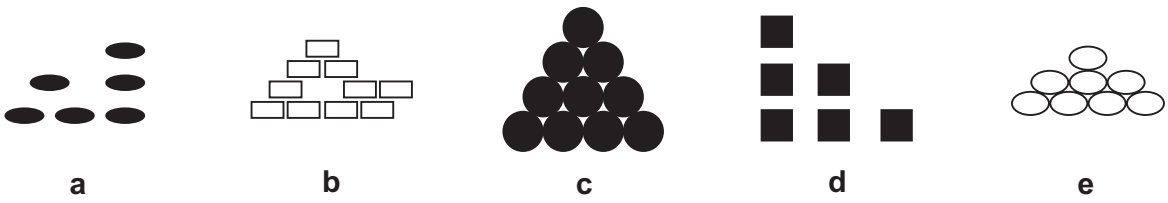
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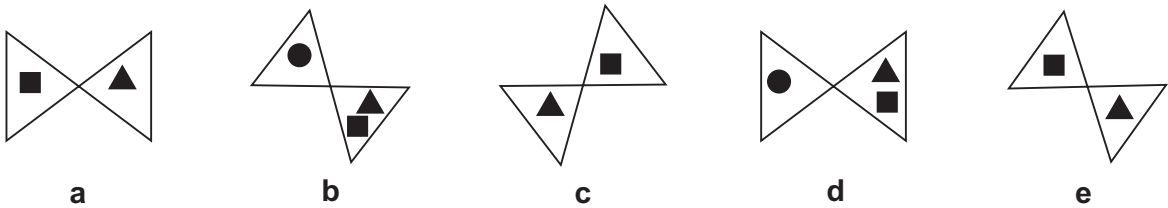
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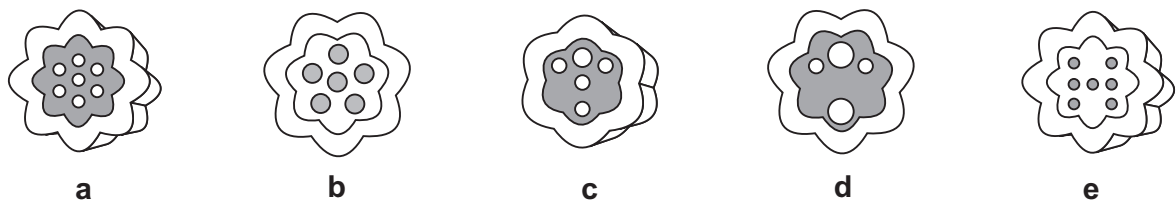
8



9



10



Section 5 – Vertical Code

Each question has some shapes on the left with code letters that describe them. You need to work out what the code letters mean. There is then a shape on its own next to a choice of five codes. Work out which code describes this shape.

Example:

	P			P	Q	T	S	R
	Q			a	b	c	d	e
	R							

Answer: a

The arrow pointing right has the letter code P, the arrow pointing left has the letter code R, and the arrow pointing up has the letter code Q. The new shape is an arrow pointing right, so the code must be P and the answer is a.

Example:

	BT			BC	CR	CT	BS	BR
	CS			a	b	c	d	e
	BR							

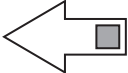

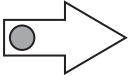

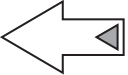


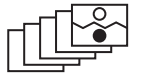













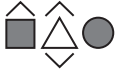

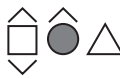
Answer: d

Both black shapes have the letter code B, and the white shape has a C, so the first letter is for shading. The second letter code must be the code for shape. T stands for a pentagon, the letter S for a circle and the letter R for a triangle. The new shape must have a B because it is black, and an S because it is a circle. The code must be BS and the answer is d.

<p>①</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin-bottom: 10px;"></td> <td style="padding-left: 10px;">PX</td> </tr> <tr> <td style="border: 1px dashed black; border-radius: 50%; width: 40px; height: 40px; margin-bottom: 10px;"></td> <td style="padding-left: 10px;">SY</td> </tr> <tr> <td style="border: 1px dashed black; border-radius: 50%; width: 40px; height: 40px;"></td> <td style="padding-left: 10px;">RX</td> </tr> </table>		PX		SY		RX	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin-bottom: 10px;"></td> <td style="padding-left: 10px;">SX</td> <td style="padding-left: 20px;">SR</td> <td style="padding-left: 20px;">PY</td> <td style="padding-left: 20px;">PX</td> <td style="padding-left: 20px;">RY</td> </tr> <tr> <td></td> <td style="padding-left: 10px;">a</td> <td style="padding-left: 20px;">b</td> <td style="padding-left: 20px;">c</td> <td style="padding-left: 20px;">d</td> <td style="padding-left: 20px;">e</td> </tr> </table>		SX	SR	PY	PX	RY		a	b	c	d	e
	PX																		
	SY																		
	RX																		
	SX	SR	PY	PX	RY														
	a	b	c	d	e														

<p>②</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); margin-bottom: 10px;"></td> <td style="padding-left: 10px;">KP</td> </tr> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); margin-bottom: 10px;"></td> <td style="padding-left: 10px;">KR</td> </tr> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></td> <td style="padding-left: 10px;">LP</td> </tr> </table>		KP		KR		LP	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px); margin-bottom: 10px;"></td> <td style="padding-left: 10px;">KP</td> <td style="padding-left: 20px;">LP</td> <td style="padding-left: 20px;">KR</td> <td style="padding-left: 20px;">PR</td> <td style="padding-left: 20px;">LR</td> </tr> <tr> <td></td> <td style="padding-left: 10px;">a</td> <td style="padding-left: 20px;">b</td> <td style="padding-left: 20px;">c</td> <td style="padding-left: 20px;">d</td> <td style="padding-left: 20px;">e</td> </tr> </table>		KP	LP	KR	PR	LR		a	b	c	d	e
	KP																		
	KR																		
	LP																		
	KP	LP	KR	PR	LR														
	a	b	c	d	e														

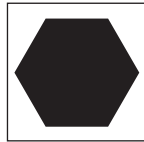
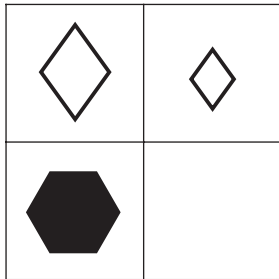
<p>③</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; text-align: center; vertical-align: middle;"></td> <td style="padding-left: 10px;">AX</td> </tr> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; text-align: center; vertical-align: middle;"></td> <td style="padding-left: 10px;">AY</td> </tr> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; text-align: center; vertical-align: middle;"></td> <td style="padding-left: 10px;">BX</td> </tr> </table>		AX		AY		BX	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 40px; height: 40px; text-align: center; vertical-align: middle;"></td> <td style="padding-left: 10px;">XY</td> <td style="padding-left: 20px;">AX</td> <td style="padding-left: 20px;">BY</td> <td style="padding-left: 20px;">BX</td> <td style="padding-left: 20px;">AY</td> </tr> <tr> <td></td> <td style="padding-left: 10px;">a</td> <td style="padding-left: 20px;">b</td> <td style="padding-left: 20px;">c</td> <td style="padding-left: 20px;">d</td> <td style="padding-left: 20px;">e</td> </tr> </table>		XY	AX	BY	BX	AY		a	b	c	d	e
	AX																		
	AY																		
	BX																		
	XY	AX	BY	BX	AY														
	a	b	c	d	e														

<p>④</p> <p> SZ</p> <p> RX</p> <p> RY</p> <p> PY</p>	<p> SX PX RZ PZ SY</p> <p>a b c d e</p>
<p>⑤</p> <p> FNX</p> <p> GNY</p> <p> FMY</p>	<p> FNY GNY FNX FMY GNX</p> <p>a b c d e</p>
<p>⑥</p> <p> GL</p> <p> JP</p> <p> KX</p> <p> HL</p>	<p> KL JX KP JL HP</p> <p>a b c d e</p>
<p>⑦</p> <p> DU</p> <p> BU</p> <p> AW</p> <p> CV</p>	<p> AU BU BV CU DV</p> <p>a b c d e</p>
<p>⑧</p> <p> AS</p> <p> BP</p> <p> AR</p> <p> AS</p>	<p> BR BS AR BP AP</p> <p>a b c d e</p>

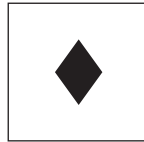
Section 6 – Complete the Grid

On the left of each question below is a big square with one small empty square. Find which of the five squares on the right should replace the empty square.

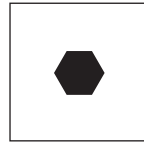
Example:



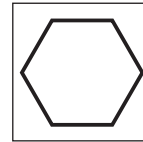
a



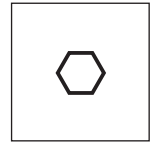
b



c



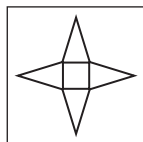
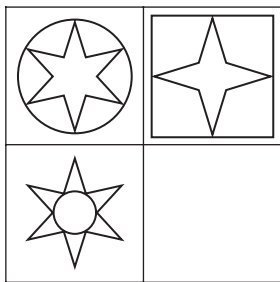
d



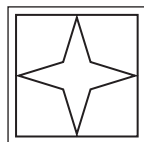
e

Answer: c

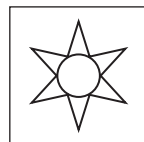
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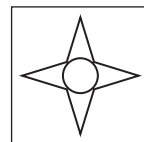
a



b



c

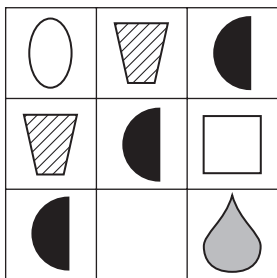


d



e

2



a



b



c

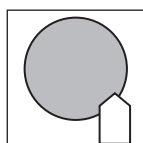
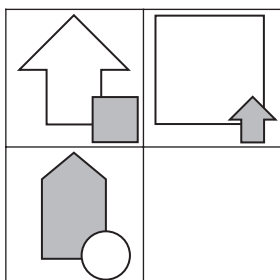


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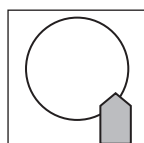


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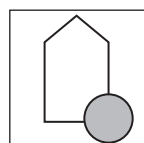
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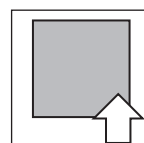
a



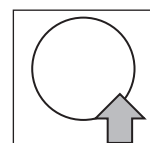
b



c

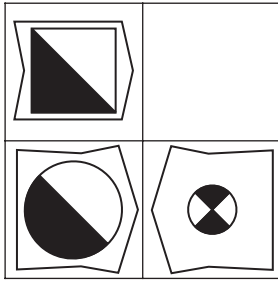


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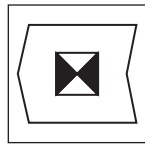


e

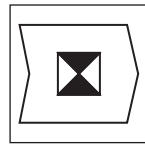
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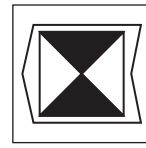
a



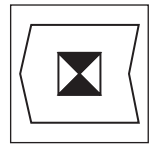
b



c

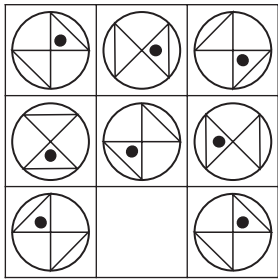


d



e

5



a



b



c

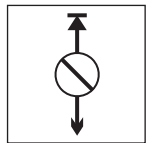
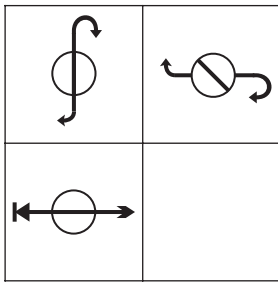


d

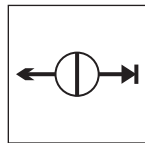


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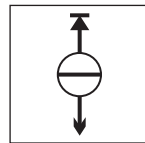
6



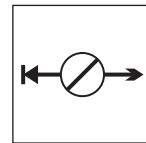
a



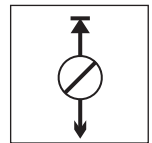
b



c

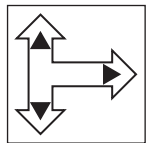
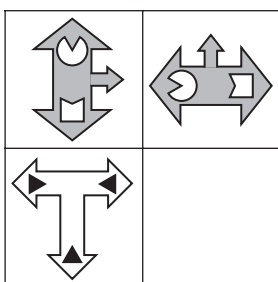


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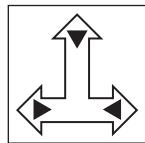


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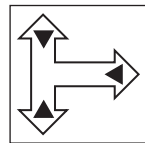
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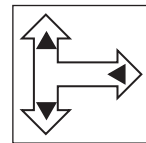
a



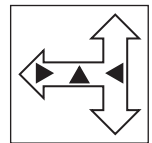
b



c

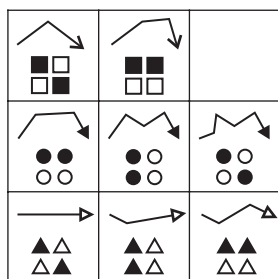


d



e

8



a



b



c



d



e

END OF TEST

/ 8

Total / 56