Homework – Term 4 Session 3

Verbal Reasoning

Use a Rule to Make a Word

Key Question

The words in the second set follow the same pattern as the words in the first set. Find the missing word to complete the set.

Look at this example:

sum (sun) pin sip (sit) cat

boil (lob) able ring (Gig) ages

gape (peg) grip fame (Met) task

bait (pat) tape gave (Lot) told

fond (din) rind page (Big) limb

sigh (his) shin doll (Lid) foil

mess (same) bale port (rope) more

Letter Sequences

Key Question

Find the pair of letters that continues each sequence in the best way. Use the alphabet to help you.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Look at this example:

AB BC CD DE EF (FG)

.	FT	GO	LN	MI	RH
.	KJ	MH	PE	RC	UZ
.	VJ	TM	SO	QR	PT
.	AZ	BV	DR	GN	KJ
.	EG	GD	JB	LY	OW
.	YF	TF	PG	MI	KL

SC — The first letter in the pair moves forward 1 letter then 5 letters alternately. The second letter moves back 5 letters then 1 letter alternately.

WX — The first letter in the pair moves forward 2 letters then 3 letters alternately. The second letter moves back 2 letters then 3 letters alternately.

NW — The first letter in the pair moves back 2 letters then 1 letter alternately. The second letter moves forward 3 letters then 2 letters alternately.

PF — The first letter in the pair moves forward 1 additional letter each time, i.e. +1, +2, +3. The second letter moves back 4 letters each time.

QT — The first letter in the pair moves forward 2 letters then 3 letters alternately. The second letter moves back 3 letters then 2 letters alternately.

JP — The first letter in the pair moves in the sequence –5, –4, –3, –2, –1. The second letter moves forward 1 additional letter each time, i.e. O, +1, +2, +3, +4.

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Maths – Fractions, Decimal & Percentages

1) Put these numbers in order, starting with the smallest.

0.3 $\frac{2}{10}$ $\frac{1}{4}$ 0.27 $\frac{22}{100}$

☐ ☐ ☐ ☐ ☐

smallest

2) There are 50 children in Year 6, of whom 22 are boys. What **percentage** of the children in Year 6 are **girls**?

☐ %

3) What percentage of this shape is shaded?

☐ %

4) The children in Class 5 are voting for a class captain.

Marcus gets **35%** of the votes. Eve gets $\frac{2}{5}$ of the votes. Zac gets the rest of the votes.

What percentage of the vote does Zac get?

☐ %

5) Write in the missing numbers.

0.8 = $\frac{\square}{5}$ 0.125 = $\frac{\square}{1000}$ 4.236 = $\frac{\square}{1000}$ 60% = $\frac{\square}{10}$

$\frac{3}{4}$ = ☐ % $\frac{1}{20}$ = ☐ % $\frac{1}{50}$ = ☐ % $\frac{11}{20}$ = ☐ %

Answers:

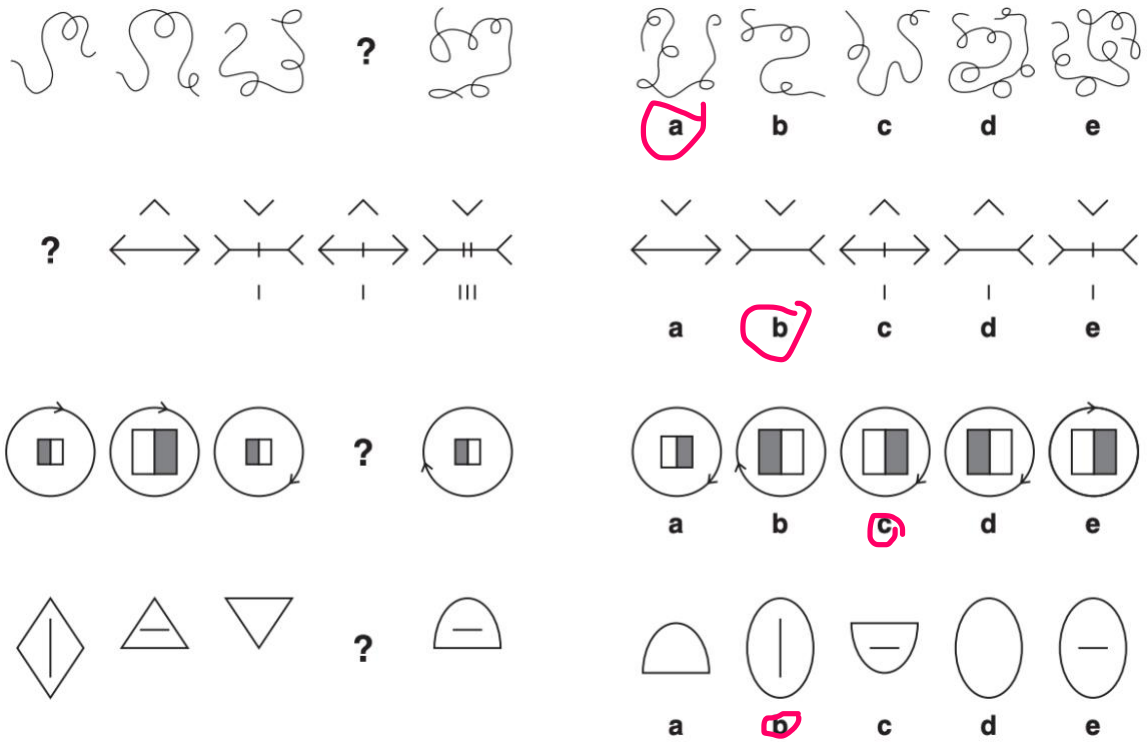
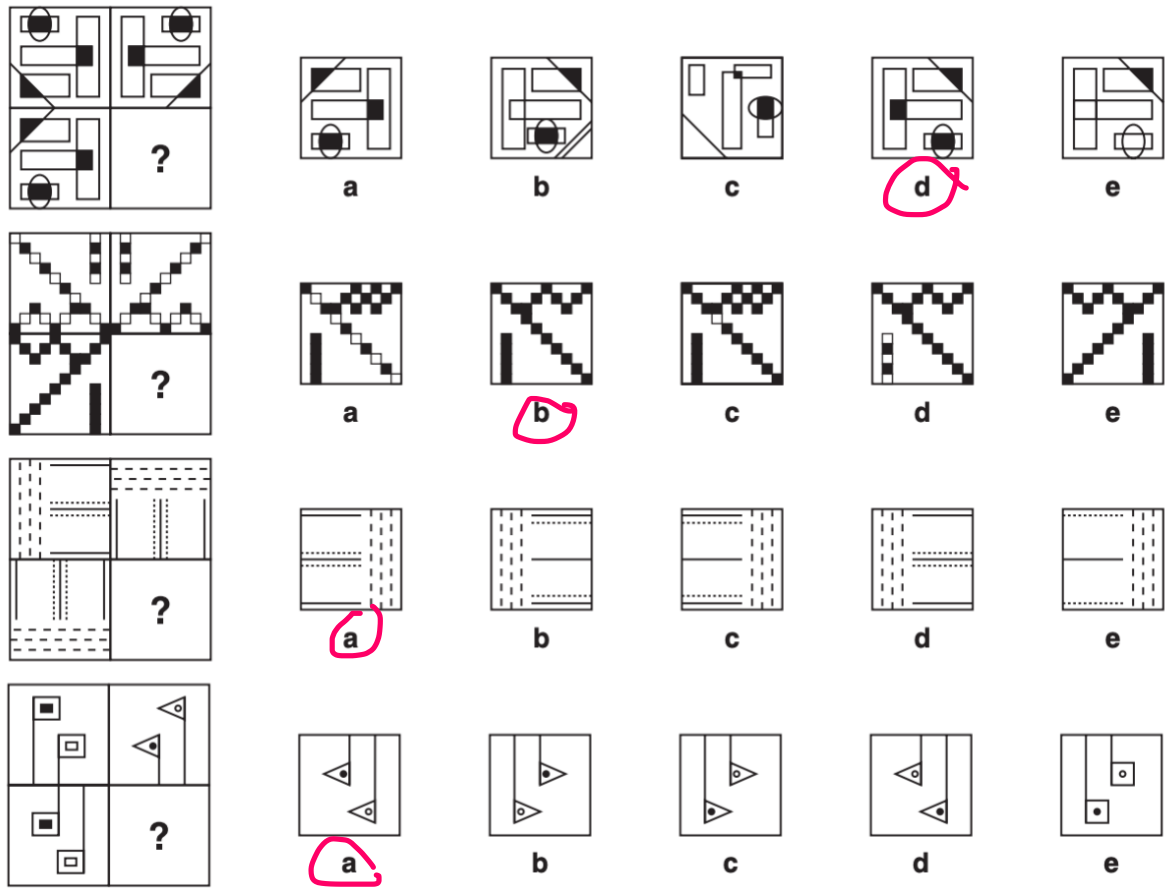
1) 2/10, 0.22, 1/4, 0.27, 22/100 2) 56% 3) 35% 4) 25%

5) 4/5, 125/100, 4236/1000, 6/10, 75%, 5%, 2%, 55%

Homework – Term 4 Session 3

Non – Verbal Reasoning

Missing sequence



Missing pattern