Term 5 Homework Week 1

Maths – Multiplying and Dividing 10,100,100

Question 1

The scale on a map says that 1 cm on the map represents 10 000 cm in real life. A straight road is 2.8 cm long on the map. How long is this road in real life?

- ○ a) 280 000 cm
- ○ b) 28 cm
- ○ c) 280 cm
- ○ d) 28 000 cm
- ○ e) 2800 cm

Question 2

204 × 7001 = 1 428 204
What is 2040 × 7.001?

- ○ a) 1428.204
- ○ b) 14.28204
- ○ c) 142 820.4
- ○ d) 14 282.04
- ○ e) 142.8204

Question 3

Syaza has a scale model of her car that is 100 times smaller than its actual size. The width of the roof on the scale model is 1.91 cm. What is the width of the roof on her car?

- ○ a) 1.91 cm
- ○ b) 1910 cm
- ○ c) 191 cm
- ○ d) 19.1 cm
- ○ e) 0.191 cm

Question 4

980 140 ÷ ____ = 98.014 × ____

Which of the following numbers can be put in both gaps to make the calculation above correct?

- ○ a) 100
- ○ b) 10 000
- ○ c) 0.1
- ○ d) 10
- ○ e) 1000

Question 5

A gift shop sells 6 paintings for £150. Vihaan buys 60 paintings from the gift shop. How much money does Vihaan spend on paintings?

- ○ a) £15
- ○ b) £150 000
- ○ c) £150
- ○ d) £15 000
- ○ e) £1500

Term 5 Homework Week 1

Verbal Reasoning – Choose two words one from each set that complete the sentence in the most sensible way.

Garage is to (store fix car) as **safe** is to (money bank lock).

○ store   ○ money
○ fix   ○ bank
○ car   ○ lock

Transitional is to (permanent frequent sluggish) as **fatigued** is to (driven energised devoted).

○ permanent   ○ driven
○ frequent   ○ energised
○ sluggish   ○ devoted

Pilot is to (airport aviation runway) as **choreographer** is to (dance ballet dancer).

○ airport   ○ dance
○ aviation   ○ ballet
○ runway   ○ dancer

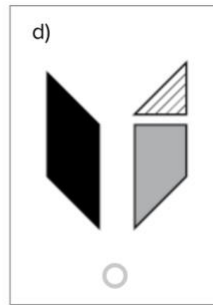**Nibble** is to (munch teeth eat) as **sip** is to (drink liquid straw).

○ munch   ○ drink
○ teeth   ○ liquid
○ eat   ○ straw

Term 5 Homework Week 1

Non-Verbal – Spot the odd one out.

a)	b)	c)	d)	e)
○	○	○	○	○

a)	b)	c)	d)	e)
○	○	○	○	○

a)	b)	c)	d)	e)
○	○	○	○	○

a)	b)	c)	d)	e)
○	○	○	○	○

Term 5 Homework Week 1
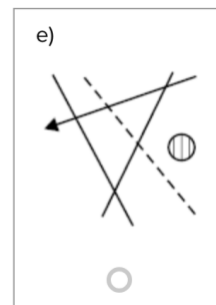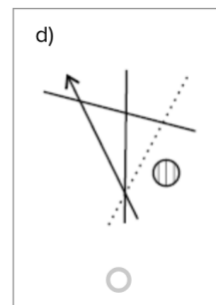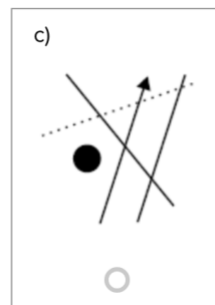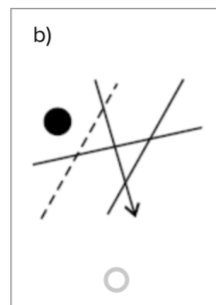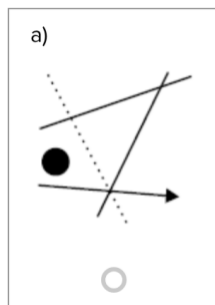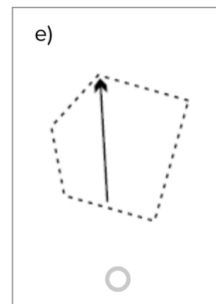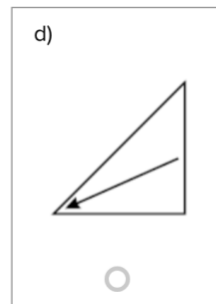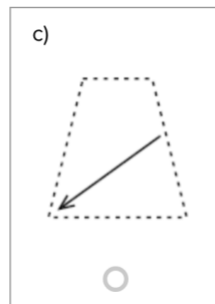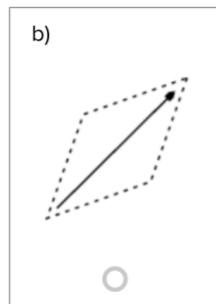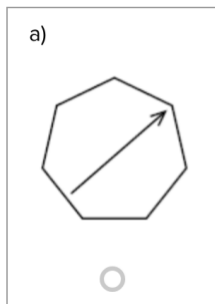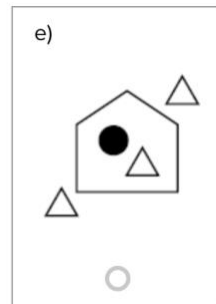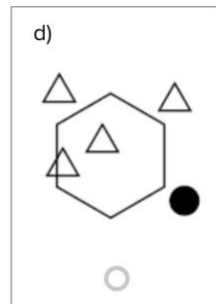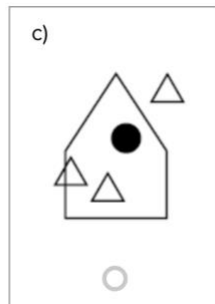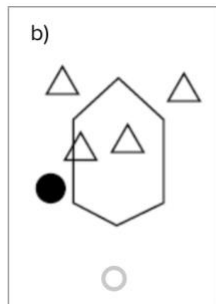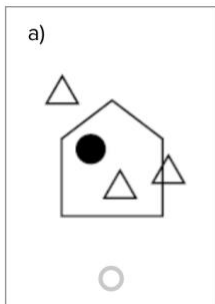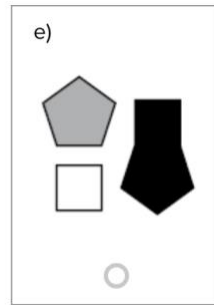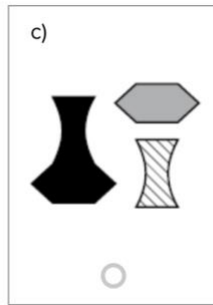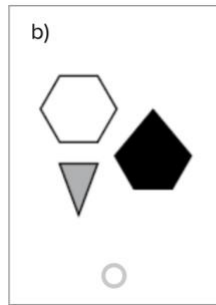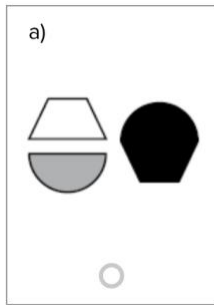
Spatial Reasoning – Which cube is made by the net?

a)	b)	c)	d)	e)
○	○	○	○	○

a)	b)	c)	d)	e)
○	○	○	○	○

a)	b)	c)	d)	e)
○	○	○	○	○

Spatial Reasoning – Which cube is made by the net?