|  |  |
| --- | --- |
| My score: \_\_\_\_  18 | |
| Developing |  |
| Secure |  |
| Extending |  |

Name:

Form:

Submission date:

**Measure and Estimation homework**

Section A – Estimation

**Q1.**  How many minutes are there between 6.15 pm and 9.25 pm?

............................... minutes

**(1)**

**Q2.** Each side of a regular pentagon has a length of 101 mm, correct to the nearest millimetre.

a) Write down the **least** possible length of each side.

.................. mm

b) Write down the **greatest** possible length of each side.

.................. mm

(2)

**Q3.**

1. Round the number 3.5 to the nearest whole number.

....................................

**(1)**

1. Round the number 345 to the nearest 100.

....................................

**(1)**

**Q4.** Complete the table by writing a sensible **metric** unit for each measurement.

The first one has been done for you.

|  |  |
| --- | --- |
| The length of the river Nile | 6700 ............kilometres............ |
| The height of the world’s tallest tree | 110 ......................................... |
| The weight of a chicken’s egg | 70 ......................................... |
| The amount of petrol in a full petrol tank of a car | 40 ......................................... |

(3)

**Q5.**

a) Change 4 metres to centimetres.

............................. cm

(1)

b) Change 1500 grams to kilograms.

.............................. kg

(1)

Section B – Perimeter

**Q6.** This shaded shape is drawn on a grid of centimetre squares.



Find the perimeter of the shaded shape, state your units.

...................................

(1)

**Q7.**

*5cm*

*3cm*

*4cm*

Work out the perimeter of the triangle

...................................cm

(1)

**Q8.**

*5cm*

Work out the perimeter of the regular polygon

...................................cm

(2)

**Q9.** Measure this shape to find its perimeter in centimetres

...................................cm

(2)

**Q10.** Here is a shape.

10 cm

10 cm

10 cm

22cm

20 cm

12 cm

Diagram **NOT** accurately drawn

Work out the perimeter of the shape.

.......................... cm

(1)