Year 9F Homework – Half Term 1

Homework 1 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.

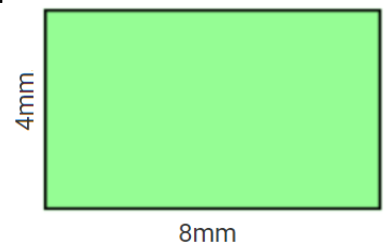|	
Understanding Ratio Notation (329)	**Index Notation (102)**
Express the ratio below in its simplest form. $$2:4$$	Write in index form $$12 \times 12 \times 12 \times 12 \times 12$$
Linear Sequences (197)	**Finding Area and Perimeter (554)**
What is the term-to-term rule of the linear sequence below? $$2, 5, 8, 11, 14, \ldots$$	Find the area and perimeter. 4mm, 8mm

Homework 2 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____
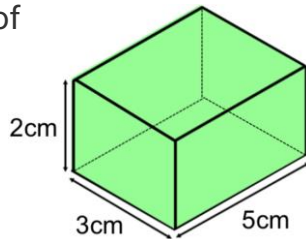
My score was: _____

Homework 3 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.

Volume/Surface Area of Cuboids (568)

Work out the volume of the cuboid.

2cm

3cm   5cm
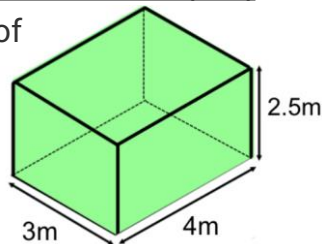
Rounding Decimals (56)

Round to the nearest whole number

763.9

Understanding Ratio Notation (329)

Express the ratio below in its simplest form.

$$3 : 6 : 6$$

Index Notation (102)

Write in index form

$$(-2) \times (-2) \times (-2)$$

Homework 4 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

My score was: _____

Homework 5 – Due: _____

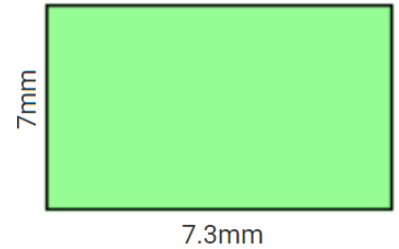Make sure you log on to HegartyMaths for help if you need it.

Linear Sequences (197)	**Finding Area and Perimeter (554)**
What is the term-to-term rule of the linear sequence below? $$13, 7, 1, -5, -11, \ldots$$	Find the area and perimeter. 7mm 7.3mm
Volume/Surface Area of Cuboids (568)	**Rounding Decimals (56)**
Work out the volume of the cuboid. 2.5m 3m 4m	Round to 1 decimal place 6.692

Homework 6 – Due: _____

Log onto HegartyMaths to watch the video and complete

the quiz online. **Topic:** _____

   My score was: _____