Year 3 Homework Answer:

Module 1: Measurement Length and Mass

1. a) cm; mm; g

   b) m; cm; km; t

   c) cm; mm; g

   d) g; kg

2.

4	2	2000
300	3	20000
0.5	12000	200
6000	30	6

3.

6	10	10
70	570	6
40	4	600
2008	1	1

4.

<	>	>
>	>	<
>	<	<

5.

a) False	b) False	c) False	d) False
e) False	f) False	g) False	h) False

6.

   a) grams; tone

   b) kilograms

   c) 5 tone

   d) 14 metres

   e) centimetres

   f) kilometre

7.

 a) N/A

 b) 2

8.

 3 tons = 3000 kilograms

 3000 – 770 – 865 = 1365 kilograms

 Therefore, 1365 kilograms of rice are left over.

9.

 1 ton = 1000 kilograms

 Kangaroo + lion + pig = 50 + 160 + 230 = 440 kg

 Therefore, kangaroo, lion and pig can cross the bridge at the same time. **(Answer may vary)**

10.

 3 tons = 3000 kilograms

 Each truck needs deliver: 3000 ÷ 2 = 1500 kg

 Each truck delivers at a time: 1500 ÷ 3 = 500 kg

 Therefore, each truck delivers 500 kg of iron at a time.

11.

 3 metres = 300 centimetres

 Cut twice will get 3 equal pieces

 300 ÷ 3 = 100 centimetres

 Therefore, each piece is 100 centimetres long.

12.

 275 + 344 = 619 metres

 619 + 619 = 1238 metres

 Therefore, Simon travels 1238 metres altogether.