

Year 6 Homework Answers

Module 2: Unit conversions

1.

21	540
1.789	1.45
32	0.24
230000	730000
2.3	0.923

2.

7.1	3200
0.586	12.462
125	0.819
32900	23
3100	2.169

3.

0.672	4200
12500	0.42
281	13110
1.729	1200

4.

1200000	5200000
19.02	1023.4
7100000	28900000
18.2	21000
1023	1902300000

5. a) 0.230 m, 129 cm, 1902 mm
b) 1.34 m, 12900 mm, 1298 cm
c) 1372 cm, 23 m, 1.092 km

6.

345600	5760	96	4
172800	2880	48	2
475200	7920	132	5.5
259200	4320	72	3
604800	10080	168	7

7.

- a) 301 square metres
b) 8.64 square centimetres or 864 square millimetres
c) 56644 square millimetres

8.

$$10 \text{ kg} \div 0.185 \text{ kg} = 54.05$$

Each box can contain 54 guavas.

9.

$$168 - 12 = 156 \text{ cm}$$

Last year she was 156 cm.

10.

$$12.4 - 4.76 = 7.64 \text{ m}$$

He has left 7.64 metre of fabric.

11.

62 hours 5 minutes

12.

36 pieces

13.

737.408 km

14.

30.55 L

15.

511 cm

16.

1.0875 kg or 1087.5 g

17.

624 h

18.

39.96 square metres