Year 5 Homework Answer

Module 5: Decimal division

1.

1.923	0.1291
2.9312	5.012
4.50121	2.382
0.01729	0.58912
4.192	172
58.32	0.429

2.

4628.$\dot{2}$
1.$\dot{9}$23̇
0.$\dot{2}$
379.263$\dot{4}$
973.$\dot{6}$$\dot{7}$
10.$\dot{0}$1$\dot{4}$
1837.$\dot{8}$

3.

560
5600
0.56
5.6
29
290
29

4.

5.8	4.8	15.7
34.7	19.9	34.1

5.

a) 18.7
b) 43.5
c) 17.4
d) 38.4
e) 22.1
f) 71.3
g) 34.8

f > b > d > g > e > a > c

6.

147
112.5
18.5
37.5
189.7

7.

$100 \div 8 = 12.5$	$74.4 \div 6 = 12.4$
$289.2 \div 9 = 31.8$	$103.6 \div 7 = 14.8$

Answer may vary

8.

$156.7 \div 2 = 78.35$ cm

9.

$88 \div 5 = 17.6$ dollars / sqr metre

10.

$118.5 \div 5 = 23.7$ km/ day

11.

$8.5 \div 0.25 = 34$ jars

12.

If 1 watermelon's price = 4 oranges' price

3 watermelons' price = 12 oranges' price

Total = 13 oranges' price = 36.4

$36.4 \div 13 = 2.8$ dollars (orange)

$2.8 \times 4 = 11.2$ dollars (watermelon)

13.

$256.25 \div 20.5 = 12.5$ dollars/hour

14.

$27.72 \div 14 = 1.98$ dollars

15.

$205.8 \div (2 \times 3 + 3 \times 5) = 9.8$ dollars/hour

16.

Two scoops: $8.34 \div 2 = 4.17$ dollar/scoop

Three scoops: $12.45 \div 3 = 4.15$ dollar/scoop

Choose three scoops

17.

$534.3 \div 26 = 20.55$ dollars/football

18.

$25.68 \div 24 = 1.07$ dollar/slice

$1.07 \times 10 = 10.7$ dollars

19.

$29.34 \div 6 = 4.89$ dollars/coffee

20.

Gabby: $44.45 \div 7 = 6.35$km/day

Troy: $50.61 \div 7 = 7.23$ km/day

21.

$43.08 \div 12 = 3.59$ dollars/one

22.

$14.32 \div 4 = 3.58$km

23.

a) $10.15 \div 7 = 1.45$ hours

b) $10.15 \div 5 = 2.03$ hours/day

24.

First 40 hours: $15.60 \times 40 = 624$ dollars

$717.6 - 624 = 93.6$ dollars extra

$93.6 \div (15.60 \times 2) = 3$ hours

Total working hours $= 3 + 40 = 43$ hours