Year 2 Homework Answer

Module 8: Division questions with remainders

1.

       a) 6 groups; 2 triangles left

       b) 3 groups; 3 circles left

2.

       3 sheep; 2 cabbages left over

3.

       3 groups; 2 stars remaining

4.

4R3	5R4	5R1	2R1
7R2	6R2	4R2	9R2

5.

5R6	8R2	4R1	7R3
5R2	6R6	7R3	5R4
6R2	7R2	6R4	3R4

6.

8R4	2R8
44	26

6R3	8R2
4	7

7.

3R5	6R3	5R5	3R3
4R4	4R3	4R4	3R4

8.

   a) B

   b) C

9.

5R2	6R6	7R3	5R2
5R6	8R2	4R1	7R3
7R1	3R3	4R1	9R2

10.

9	8	6	8
6	7	9	6

11.

   a) √

   b) ×

   c) √

   d) ×

   e) √

   f) √

   g) ×

12.

a) 5 plates; 1 crab

b) 5 (quotient); 15; 1 (remainder)

c) B; C; D; A

13.

a) 8 is quotient; 1 is remainder

b) 6 baskets remain 3 apples, therefore we need 7 baskets.

14.

$9 \div 4 = 2 \text{ R } 1$

15.

$25 \div 9 = 2 \text{ R } 7$

16.

a) $51 \div 9 = 5 \text{ R } 6$; Therefore we need 6 big trucks

b) $51 \div 6 = 8 \text{ R } 3$; Therefore we need 9 small trucks

c) We can hire 5 big trucks and 1 small truck to carry exactly 51 boxes. (answer may vary)