

Week 2 Home Learning

Maths Answer Sheet

Monday

Drills

- a) 1710
- b) 1134
- c) 2613
- d) 450
- e) 336
- f) 1224
- g) 1764
- h) 6794
- i) 2079

Tasks

Challenge 1:

1. 53,816	2. 54,725	3. 5,593
4. 8,239	5. 5,828	6. 34,221

Challenge 2:

- 1. 77,142 hours
- 2. 4,224 minutes
- 3. 3,690 minutes
- 4. 183,072 pence or £1,830.72

Challenge 3:

Laura is correct. ($4 \times 3 = 12$)

Tuesday

Let's Practise

- 1. 93
- 2. 83
- 3. 1187
- 4. 21 r1
- 5. 41 r1
- 6. 13 r2

Drills a) 404 b) 956 c) 898

d) 981 e) 231 f) 394

Tuesday (ctd.)

Challenge 1:

1. 52 r3
2. 21
3. 52 r1
4. 91 r3
5. 80 r3
6. 232 r1
7. 15 r3
8. 68 r3
9. 93 r3
10. 70 r5

Challenge 2:

7913 ÷ 5 is the only calculation to have a remainder. You will know this because the only numbers divisible by 5 always end in either zero or five. This number ends in 3, so cannot be a multiple of 5!

Challenge 3:

1. Answer: 63 remainder 4. Therefore only 63 FULL boxes can be made.
2. Answer: 2,091 r2. Therefore, each person got £2,091 (to the nearest pound)
3. Alfie is NOT CORRECT Although 8 is divisible by 4 exactly, if the 4 digit number has a digit carried over (for example 5518 where 3 will be carried over to turn the 8 into 38), then there will be a remainder because 38 is not divisible by 4.
4. Marlon's division calculation was $4,538 \div 3 = 1,512 \text{ r}2$. He hasn't read the question properly and recognised the amount left over would be his remainder. He has given the quotient without the remainder as his answer, which is the number of toys delivered equally, NOT what is left over.

Wednesday

Let's Practise!

Using Measurements: 180 square metres

Using Division: 87 and 3 cards left over.

Challenge 1:

1,560 stickers

Challenge 2: 1. 411ml 2. (a) 1,800 windows (b) 540 windows have blinds.

3. (a) 1,872 eggs (b) 277 full boxes

Challenge 3:

Various answers

Thursday

Challenge 1	Challenge 2	Challenge 3	Extension
a) 20	13	0.009	1. $\frac{7}{10} > 0.07$
b) 336	110	5852	$\frac{23}{1000} < 0.23$
c) 1	4088	215016	2. 40,000
d) 0	253.4	450	39,000
e) 712	81.08	-5	39,480
f) 6562	1200	700,000	
g) 285	110457	-8	
h) 4088	0.09	630,000	
i) 246	128	-7	
j) 140	40	660,000	
k) 6606	6585	0.0007	
l) 19	16	4600	
m) 97637	18	31	
n) 37	0.6	18	
o) 4	501,099	1500	