**Weekly Work (5/5/2020 to 8/5/2020)**

**Busy at Maths 6 Answers Chapter 14 (Number theory)**

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1.

(b) (i) (1, 8), (2, 4) (ii) 1, 248

(c) (i) (1, 11) (ii) 1, 11

(d) (i) (1, 16), (2, 8), (4, 4) (ii) 1, 2, 4, 8, 16

(e) (i) (1, 20), (2, 10), (4, 5) (ii) 1, 2, 4, 5, 10, 20

(f) (i) (1, 24), (2, 12), (3, 8), (4, 6) (ii) 1, 2, 3, 4, 6, 8, 12, 24

(g) (i) (1, 26), (2, 13) (ii) 1, 2, 13, 26

(h) (i) (1, 29) (ii) 1, 29

(i) (i) (1, 36), (2, 18), (3, 12), (4, 9), (6, 6) (ii) 1, 2, 3, 4, 6, 12, 18, 36

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1. (a) (i) 1, 2, 3, 6 (ii) 1, 2, 3, 6, 8, 12, 24 (iii) HCF = 6

(b) (i) 1, 2, 4, 8 (ii) 1, 2, 3, 5, 6, 10, 15, 30 (iii) HCF = 2

(c) (i) 1, 2, 3, 6, 9, 18 (ii) 1, 3, 5, 9, 15, 45 (iii) HCF = 9

(d) (i) 1, 2, 5, 10, (ii) 1, 2, 4, 5, 8, 10, 20, 40 (iii) HCF = 10

(e) (i) 1, 2, 4, 5, 8, 10, 20, 40 (ii) 1, 2, 5, 10, 25, 50 (iii) HCF = 10

(f) (i) 1, 3, 5, 9, 15, 45 (ii) 1, 2, 3, 5, 6, 10, 12, 20, 30, 60 (iii) HCF = 15

(g) (i) 1, 2, 3, 4, 6, 8, 12, 24 (ii) 1, 2, 3, 4, 6, 9, 12, 18, 36 (iii) HCF = 12

3.

(a) 6, 12, 18, 24, 30, 36, 42, 48, 54, 60

(b) 7, 14, 21, 28, 35, 42, 49, 56, 63, 70

(c) 8, 16, 24, 32, 40, 48, 56, 64, 72, 80

(d) 10, 20, 30, 40, 60, 70, 80, 90, 100

(e) 13, 26, 39, 52, 65, 78, 91, 104, 117, 130

(f) 20, 40, 60, 80, 100, 120, 140, 160, 180, 200

(g) 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

4.

(a) 2, 6, 12, 16, 20

(b) 39, 18, 24, 30

(c) 5, 15, 30, 40, 50

(d) 9, 27, 54, 72, 90

(e) 11, 33, 66, 88, 110

(f) 12, 36, 72, 96, 120

(g) 15, 45, 90, 120, 150

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2. (a) (i) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 (ii) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 (iii) LCM =10

(b) (i) 3, 6, 9, 12, 15, 18, 21, 24, 27, 30 (ii) 8, 16, 24, 32, 40, 48, 56, 64, 72, 80 (iii) LCM = 24

(c) (i) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 (ii) 6, 12, 18, 24, 30, 36, 42, 48, 54, 60 (iii) LCM = 30

(d) (i) 7, 14, 21, 28, 35, 42, 49, 56, 63, 70 (ii) 8, 16, 24, 32, 40, 48, 56, 64, 72, 80 (iii) LCM = 56

(e) (i) 6, 12, 18, 24, 30, 36, 42, 48, 54, 60 (ii) 9, 18, 27, 36, 45, 54, 63, 72, 81, 90 (iii) LCM =18

(f) (i) 4, 8, 12, 16, 20, 24, 28, 32, 36, 40 (ii) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 (iii) LCM =20

(g) (i) 6, 12, 18, 24, 30, 36, 42, 48, 54, 60 (ii) 7, 14, 21, 28, 35, 42, 49, 56, 63, 70 (iii) LCM = 42

***Bun Go Barr***

**P.109 D**

1. Is breá liom a bheith ag imirt gailf.

2. Is breá liom a bheith ag iománaíocht.

3. Is breá liom a bheith ag snámh.

4. Is breá liom a bheith ag imirt peile.

5. Is breá liom a bheith ag féachaint ar an teilifís.

6. Is breá liom a bheith ag rothaíocht.

7. Is breá liom a bheith ag marcaíocht ar chapall.

8. Is breá liom a bheith ag iascaireacht.

9. Is breá liom a bheith ag smaoineamh.

10. Is breá liom a bheith ag ag imirt cispheile.

11. Is breá liom a bheith ag léamh.

12. Is breá liom a bheith ag scátáil.

**P.110 H**

1. Rachaidh

2. Ní rachaidh

3. Tiocfaidh

4. Ní thiocfaidh

5. Déanfaidh

6. Ní dhéanfaidh

7. Ní Tabharfaidh

8. Tabharfaidh

9. Ní fheicfidh

10. Feicfidh

***P.111 Bun go Barr***

1. Béarfaidh an múinteoir ar an liathróid

2. Ní bhearfaidh na páistí ar an liathróid

3. Ní íosfaidh an feirmeoir sceallóga

4. Íosfaidh an feirmeoir úll.

5. Gheobhaidh Brian cathaoir rothaí nua.

6. Ní bhfaighidh Clíona cathaoir rothaí nua.

7. Cloisfidh Rossa Mamaí ag glaoch.

8. Ní chloisfidh Neasa Mamaí ag glaoch.

**Scoileanna Fadó**

1. Bhí ar na páistí dul amach chuig an leithreas taobh

amuigh mar:

(a) ní raibh leithreas taobh istigh den scoil.

2. Cén fáth nach raibh mórán leabhar ag na páistí fadó?

(b) Ní raibh go leor airgid ag daoine

3. Cad a chiallaíonn an abairt ‘bhí na múinteoirí

an-dian ar na páistí’?

(c) Bhí siad an-ghéar orthu

4. Cén chaoi a ndeachaigh na páistí ar scoil fadó?

(b) Shiúil siad

5. Cé acu atá fíor?

(b) Ní raibh bróga ag cuid de na páistí

6. Cad a cheapann an t-údar faoi pháistí?

(a) Tá saol níos fearr ag páistí sa lá atá inniu ann