End of Year Review
Tiffany Dickie - 226-25 (16507)
Answer Sheet

Question 1
5 nickels, 20 dimes, 90 quarters

Question 2
3 hrs, 360 km

Question 3
yellow 20, red 5, blue 23

Question 4
258 birch, 129 oak, 136 maple

Question 5
15 $20 bills, 40 $50 bills, 75 $100 bills

Question 6
13 m

Question 7
width 19 m, length 23 m

Question 8
$167.00

Question 9
280 km/hr

Question 10
15 minutes

Question 11
G

Question 12
A

Question 13
F

Question 14
S

Question 15

x	y
0	0
1	16
2	32
3	48
4	64

Question 16

x	y
0	6
1	10
2	14
3	18
4	22

Question 17

x	y
0	5
1	7
2	9
3	11

Question 18

x	y
0	50
1	65
2	80
3	95
4	110

Question 19

x	y
0	30
1	36
2	42
3	48

Question 20

x	y
0	-11
1	-10
2	-9
3	-8
4	-7

Question 21

Week	Total # of balls
5	58
6	65
7	72
8	79
9	86

Question 22

Month No.	Books
3	24
4	32
5	40
6	48
7	56

Question 23

11

Question 24

20 min

Question 25
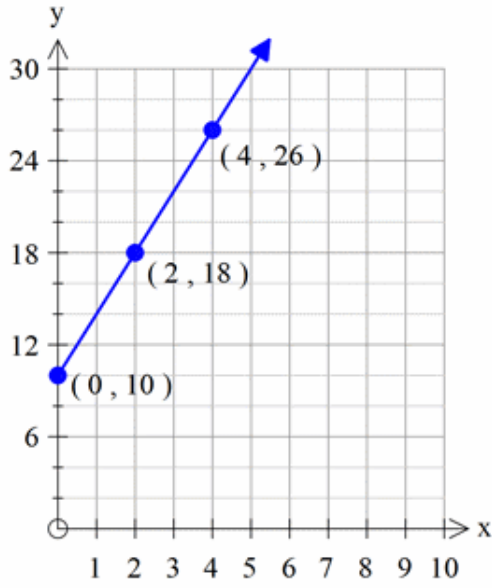
Question 26
$225

Question 27
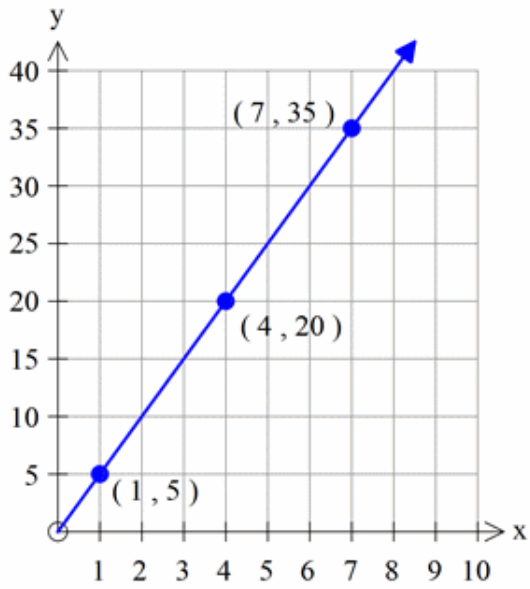
Question 28
96 kilometres

Question 29

y axis values: 81, 72, 63, 54, 45, 36, 27, 18, 9
Points: (5 , 45), (3 , 27), (1 , 9)
x axis values: 1 2 3 4 5 6 7 8 9 10
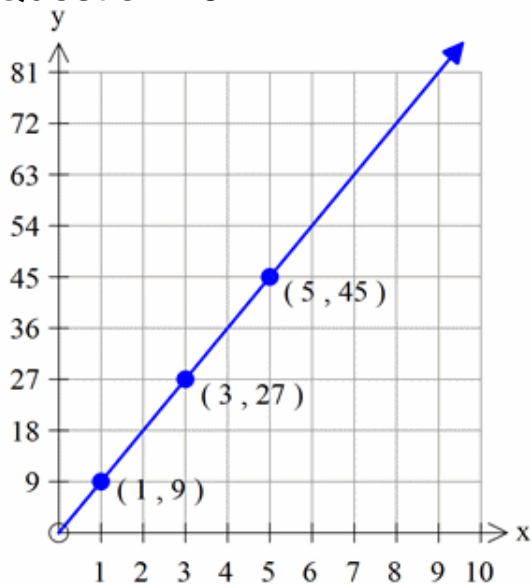
Question 30
John

Question 31
18 minutes

Question 32
8 songs

Question 33
8 cards

Question 34
The Anvil

Question 35
210 people

Question 36
$18,000

Question 37
14 months

Question 38
2 dolls times the # of years + 3 dolls = total # of dolls

Question 39

Question 40

John

Question 41

0.78

Question 42

Mr. Mustard

Question 43

Montreal

Question 44

Jake

Question 45

21

Question 46

10

Question 47

15

Question 48

$$y = \frac{18}{x}$$

Question 49

$$x = \frac{86}{y}$$

Question 50

$$y = \frac{26}{x}$$

Question 51

$$y = \frac{60}{x}$$

Question 52

$$y = \frac{97}{x}$$

Question 53

x = 0.9

Question 54

x = 14

Question 55

x = 5

Question 56

x = 0.3

Question 57

Box B

Question 58

Basket C

Question 59

Package D

Question 60

$1000

Question 61

Bag B

Question 62

$1.75

Question 63

7,20 $

Question 64

64 centimetres

Question 65

960 centimetres

Question 66

- 4500 mL of water
- 210 g of sugar
- 30 grapefruit

Question 67

62.5%

Question 68

$$\frac{3}{20}$$

Question 69

0.76

Question 70

$$\frac{14}{25}$$

Question 71

$649.70

Question 72

$206.08

Question 73

$205.66

Question 74

$344

Question 75

$97.45

Question 76

10 hours

Question 77

Scale factor: $\dfrac{9}{200}$

Question 78

55 : 3

Question 79

1 : 3

Question 80
Scale factor: $\dfrac{1}{40}$

Question 81
6 m

Question 82
32 m

Question 83
80 m

Question 84
6 m

Question 85
12 cm

Question 86
72 dm

Question 87
216 mm^2

Question 88
125 dm

Question 89
192 m

Question 90
28.5 cm^2

Question 91
118 cm

Question 92
5493.1 mm^2

Question 93
64 cm^2

Question 94
181.46 cm^2

Question 95
96.57 cm^2

Question 96
51.4 cm

Question 97
28.26 cm

Question 98
32 *mm*

Question 99
12.42 cm

Question 100
28.56 m

Question 101
10.14 cm

Question 102
7.12 mm

Question 103
5.93 mm

Question 104
3.23 cm

Question 105
37.5 dm

Question 106
314 cm^2

Question 107
3.1 cm

Question 108
329.7 cm^2

Question 109
125.6 cm^2

Question 110
10.71 m

Question 111
81.5 m

Question 112
24.3 cm

Question 113
59.6 dm^2

Question 114
3.2 m

Question 115
3.8 cm

Question 116
56.02 m^2

Question 117
680 cm^2

Question 118
336 dm^2

Question 119
1456 dam^2

Question 120
120 dm^2

Question 121
1910.1 cm^2

Question 122
1407.4 cm^2

Question 123
13,571.7 cm^2

Question 124
3063.1 dm^2

Question 125
251.3 cm^2

Question 126
87 cm^2

Question 127
2540 m^2

Question 128
14.4 cm^2

Question 129
921 cm^2

Question 130
207.35 cm^2

Question 131
Events A, B and D only

Question 132
Outcomes A, B and D only

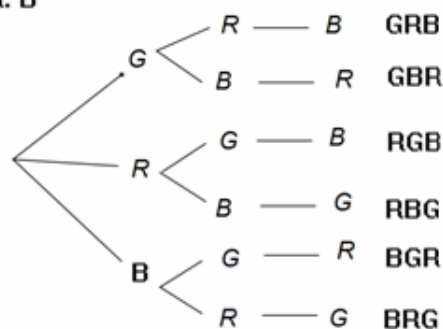## Question 133

Question 134
Theoretical: $\dfrac{4}{9}$, Experimental: $\dfrac{2}{5}$

Question 135
Theoretical: $\dfrac{1}{12}$, Experimental: $\dfrac{2}{15}$

Question 136
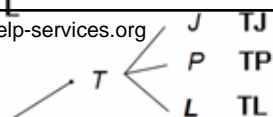Gabriel: G
Rebecca: R
Burt: B

G	R — B	GRB
	B — R	GBR
R	G — B	RGB
	B — G	RBG
B	G — R	BGR
	R — G	BRG

Question 137
1

Question 138
T-shirt: T
Camisole: C
Jeans: J
Track Pants: P
Leggings: L

Possible
Outfits

J	TJ
T	P	TP
	L	TL

Question 139

18

Question 140

	First	Second	Third	
School A		B —— C	ABC
School B	A	C —— B	ACB
School C			
	B	A —— C	BAC
		C —— A	BCA
	C	A —— B	CAB
		B —— A	CBA
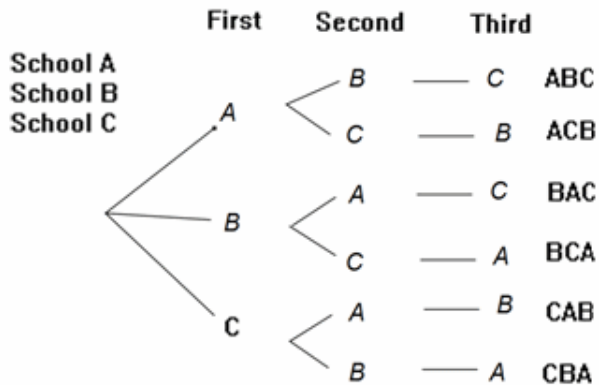
Question 141

$\dfrac{1}{11}$

Question 142

$\dfrac{5}{17}$

Question 143

$\dfrac{4}{9}$

Question 144

$\dfrac{15}{56}$

Question 145

$\dfrac{16}{25}$

Question 146

Picking a face card of hearts, diamonds or clubs or picking any non-face card

Question 147

Picking a face card or an ace

Question 148
Landing on 5, 6, 7 or 8

Question 149
Landing on 1, 2, 3 or 4

Question 150
27.4 dam^2

Question 151
9.3 m

Question 152
37.1 m

Question 153
90.4 mm^2

Question 154
54.9 dm

Question 155
$6\dfrac{3}{4}$

Question 156
$5\dfrac{1}{3}$

Question 157
$\dfrac{1}{3}$

Question 158
$\dfrac{1}{6}$

Question 159
$\dfrac{1}{2}$

Question 160
$\dfrac{9}{10}$

Question 161

$$\frac{3}{4}$$

Question 162

$$\frac{3}{10}$$

Question 163

$$\frac{2}{11}$$

Question 164

$$\frac{11}{12}$$

Question 165

$$\frac{25}{63}$$

Question 166

$$\frac{11}{12}$$

Question 167

$-4x^2y$

Question 168

$6x^2y + 11xy^2$

Question 169

$7x^2$

Question 170

0

Question 171

0

Question 172

$-18xy^2$

Question 173

$2700x^2y^2$

Question 174

$40x^2y$

Question 175

x^7y^{30}

Question 176

$180x^5$

Question 177

$-144x^7y^6z^6$

Question 178

$102x^8$

Question 179

$x^{19}y^9z^{27}$

Question 180

3

Question 181

6

Question 182

$-16xy^2$

Question 183

$8y^{18}$

Question 184

$-x^{15}y^7$

Question 185

$2x^2+2x+4$

Question 186

$35x^2+14x+21$

Question 187

$8x^2+12x+28$

Question 188

4

Question 189

-5

Question 190

25

Question 191

-15

Question 192

19

Question 193

196

Question 194

15

Question 195

$m - s$

Question 196

$z(x - y)$

Question 197

$$\frac{2x}{3} + \frac{y}{2}$$

Question 198

$x + 10$

Question 199

xy

Question 200

117

Question 201

18

Question 202

2.4

Question 203
-112

Question 204
The solution is correct.

Question 205
$x = 30$

Question 206
$x = 7$

Question 207
$x = 12.5$

Question 208
$x = 1.25$

Question 209
$d = -7$

Question 210
$b = -5$

Question 211
$k = -2$

Question 212
$m = 3$

Question 213
$t = 9$

Question 214
19

Question 215
8

Question 216
6