

12.5 L100

$$\frac{1}{4}A = \frac{1}{8}B \quad (A \cap B') \cup (B \cap A')$$

$$\frac{A}{4} \geq \frac{B}{8} \quad (A \cap B') \cup B \cup A'$$

$$8A = 4B \quad A \cup B \cup B \cup A'$$

$$A' \cup B$$

$$x + y = 120$$

125 (5) 12

A	B	
20	40	
$N = \frac{8}{2} = 4$	4	
$N \frac{8}{3}$...	144

48	96
36	72
	288

$$N = \frac{8}{4} = 2$$

2/3

$$\frac{290}{3200} = 2$$

$$1 \frac{2}{3} N \text{ total}$$

$$x^{2 \log_5 x}$$

$$x^{2 \log_5 x} = \frac{25}{x^3}$$

$$x^{3 + 2 \log_5 x} = 5^2$$

$$\frac{140}{100} \times 800$$

1120

$$19(65) + 12(20) + 60(21)$$

$$1235 \quad 1240 \quad 1260$$

$$65 \quad 62 \quad 60$$

2

15th 65
20th 62
21st 60

$$\frac{21!}{21}$$

63x

$$7(9 \times 9) + 7(2 \times 6)$$

$$7(9 \times 9 + 2 \times 6) + 12 \times 8$$

$$7 \times 7 = 49$$

$$486$$

$$126$$

$$570$$

$$378$$

$$108$$

$$441$$

$$45$$

$$3$$

$$3$$

$$108$$

$$108$$

$$10$$

$$3+3+7$$

$$14 \times 3 = 42$$

$$\frac{486}{441}$$

126

$$360 - 115$$

63

6

378

108

624

6

$$9 - 8 \frac{17}{7}$$

624

98

$$\frac{8 \times 6 \times 8}{8 \times 4 \times 2} = \frac{384}{64} = 6$$

8 } 6
 24 }
 184 300

1800 . 1800
 8 24 50 100 200

800 1800 = 8 24 100

8 24 } 48000
 3 }
 14 } 2 1/8 100
 6 125 } 2

13
 7
 441

480
 120
 360

480
 278
 108

10
 99

8
 4 = 2
 24

26
 5

2
 10
 20

50 50 600
 2 50 600
 5 25 300
 5 5 60
 1 12

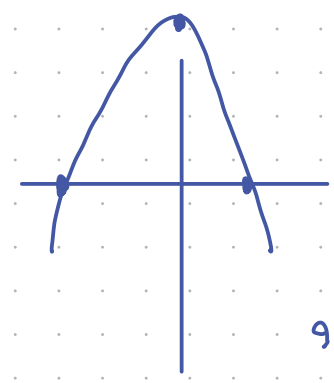
2500 = 50
 2500

60
 150

WS. 1 2 3
 are (~)
 10 1 ~ 1

10 14 19 27
 4 5 8 1 27
 1 3 9 27

5 10 15
 24 15



1 13 7 15 31 63
 2 4 8 16 32

5 10 15

10 14 11 27 44
 4 5 8 17 44
 +1 +3 +5 +7

4 12 68 630
 +8 11
 4

$$\frac{9 \cdot 4.5}{7} = 31.5$$

$$640 \rightarrow 320 \rightarrow 160 \rightarrow 80$$

$$5 \frac{5140}{128}$$

40
 20

5 7 4 8 3 9
 10 2 15 4 5 6
 3 5 2 10 40 85

60 66 60 52
 60 76 60 85

4 4 3 17
 3 6 1 6
 1 2 180 1080
 3 2 720 1800

50 350mg
 20mg 1ml
 300 1x10⁻³

2
 226, 226
 226, 226
 226, 226

85, 100, 100
 400, 1000
 226, 14, 14, 226, 226

$$5 \frac{x}{(1.60^2)} = 25$$

$$2 \times 10^{-3} \quad 2 \times 10^{-2}$$

$$1 \times 10^{-3} \times 10 \quad 1 \times 10^{-2}$$

2.2mg 2ml
 3.1 4ml
 1.5 2ml
 20

10mg
 1000
 1000

no. of gms
 7
 7
 7
 7

15 20 15mg
 1 dl 15mg 20
 20
 v. 22.66 3115
 21.61 2593

A - D B E F C
 = A B B D F C
 1+3

ci-
 6mg
 $c_1 V_1 = c_2 V_2$
 $5 = \frac{0.5(1000)}{5}$

Q = mcΔT
 =

(4x12)+20
 6 10 18 30 46 66
 4 8 12 16 20

1 8 5
 +4 +8 +4
 5 16 10
 7 9

20 24