1/4/05 Warm up

① Least to greatest

.0565, .07, .075, .15, .750

②

In	Out
1	25
25	79
79	240
240	724

$(3x+5)-1=y$

③

$$\begin{array}{r} 247 \\ \times 31 \\ \hline 247 \\ +7410 \\ \hline 7,657 \end{array}$$

④

$$\begin{array}{r} 817\ 96 \\ 18,074 \\ -\ 9,999 \\ \hline 18,075 \end{array}$$

Strategy for Fill 2

A sure way to win is to always take the biggest decimal. If you get a chance to fill in a entire square, take it! If a decimal that your opponet needs and you can use take it so they can not win!

Math page 217

(1) divisor

(2) dividend

(3) equivalent decimal

(4) 700

(5) 60

(6) 9

(7) 30,000

(8) 3200

(9) 50

(10) 4

(11) 6

(12) 7

(13) 8

(14) 30

(15) 20

(16) 60

(17) 50

(18) $\begin{array}{r} 12 \\ 7)\cancel{84} \\ 7\downarrow \\ 14 \\ 14 \\ \hline 0 \end{array}$

(19) $\begin{array}{r} 23 \\ 4)92 \\ 8\downarrow \\ 12 \\ 12 \\ \hline 0 \end{array}$

(20) $\begin{array}{r} 97 \\ 5)485 \\ 45\downarrow \\ 35 \\ 35 \\ \hline 0 \end{array}$

(21) 23

(22) $\begin{array}{r} 48 \\ 6)288 \\ 24\downarrow \\ 48 \\ 48 \\ \hline 0 \end{array}$

(23) $\begin{array}{r} 206 \\ 4)824 \\ 8\downarrow \\ 02 \\ 0\downarrow \\ 24 \\ 24 \\ \hline 0 \end{array}$

(24) $\begin{array}{r} 540 \\ 3)1620 \\ 15\downarrow \\ 12 \\ 12\downarrow \\ 0 \\ 0 \\ \hline 0 \end{array}$

(25) $\begin{array}{r} 406 \\ 8)3248 \\ 32\downarrow \\ 08 \\ 8\downarrow \\ 0 \end{array}$

(26) 16)144
9
144
144
0

(27) 32)832
25 r12
64
192
160
32

(28) 45)3825
85
360
225
225
0

(29) 91)1365
15
91
455
455
0

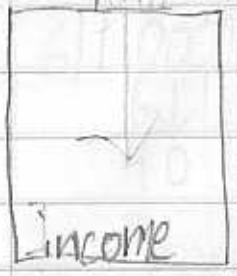
(30) 0.80

(31) 0.25

(32) 1.30

(33) 2.16

Math Warmup 11/13/05

① 

= "low income"

② $\begin{array}{r} 72 \\ 5\overline{)360} \\ 35\downarrow \\ \hline 10 \\ 10 \\ \hline 0 \end{array}$, $\begin{array}{r} 16 \\ 3\overline{)48} \\ 3\downarrow \\ \hline 18 \\ 18 \\ \hline 0 \end{array}$

③ $\begin{array}{r} {}^{4}363 \\ \times 17 \\ \hline 2541 \\ 363 \\ \hline 6171 \end{array}$ $\begin{array}{r} 423 \\ \times 22 \\ \hline 846 \\ 846 \\ \hline 9306 \end{array}$ $\begin{array}{r} {}^{6}497 \\ \times 98 \\ \hline 3976 \\ 44730 \\ \hline 48706 \end{array}$

④ least to greatest
2,0122; 2,12; 2,120; 2,122

① $3\overline{)50}$ → 16, remainder 2

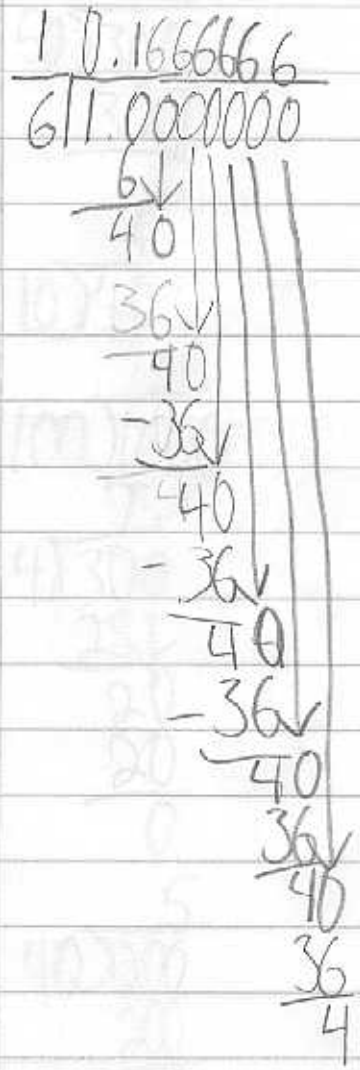
② $4\overline{)10.0}$ → $.25$

③ $16\overline{)100.}$ → $.6$, remainder 4

④ $3\overline{)4}$ → $1.$, remainder 1

⑤ $20\overline{)40}$ → 2

⑥ $8\overline{)10}$ → $1.$, remainder 2


1 0.1666666
6 1.0000000
6
40
36
40
36
40
36
40
36
4

(1) 1166
3050000
36
20
18
20
18
20
18
20
18
2

① $50\overline{)300}$ → 6, 300, 0

② $10\overline{)40}$ → 4

③ $100\overline{)1600}$ → 16

④ $4\overline{)300}$ → 75, 28, 20, 20, 0

⑤ $40\overline{)200}$ → 5, 200, 0

⑥ $10\overline{)80}$ → 8

⑦ $20\overline{)1500}$ → 75, 140, 100

⑧ $\sqrt{40}$

⑨

$\frac{21}{40} =$ 210)400

$\frac{21\,0}{400}$ $\quad \frac{21}{40} \times \frac{10}{10} = \frac{210}{400} \div \frac{4}{4} = 4\overline{)210}$ $\quad \frac{52}{100}$

$3/8 = \frac{300}{800} \div \frac{8}{8}$ $\quad 8\overline{)300}$ $\quad \frac{-325}{100}$

1/2 = .50
1/4 = .25
1/8 = .125

$8\overline{)200}$
100

.121

13
125
7
875
125 125
3 70
375

$$
\begin{array}{r}
0.41 \\
16\overline{)7.0} \\
\underline{6.4} \\
1\,6
\end{array}
$$

$$
\begin{array}{r}
0.6375 \\
80\overline{)51.0000} \\
\underline{480} \\
300 \\
\underline{240} \\
600 \\
\underline{560} \\
400 \\
\underline{400} \\
0
\end{array}
$$

$$
\begin{array}{r}
2 \\
80\overline{)190} \\
\underline{190} \\
0
\end{array}
$$

$$
\begin{array}{r}
45 \\
40\overline{)190.00} \\
\underline{160} \\
300 \\
\underline{280} \\
200 \\
\underline{200} \\
0
\end{array}
$$

$$
\begin{array}{r}
40 \\
\times\ 7 \\
\hline
280
\end{array}
$$

Math Warmup 1/18/24

5th grade

① $\frac{58}{64} = .90625$ $\quad \frac{18}{25} = .4$ $\quad \frac{7}{8} = .87$

.90625
64)58.00000
576↓
40
- 0↓
400
- 384↓
16
0↓
160
128↓
320
320
0

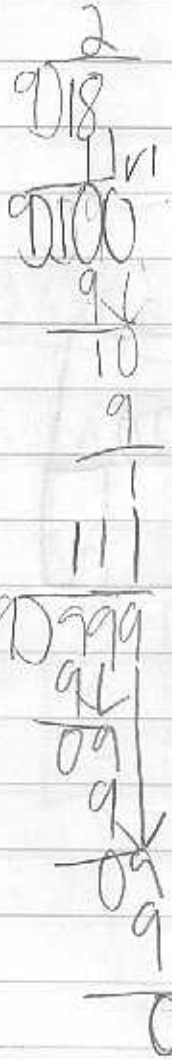
.875
8)7.000
64↓
60
56↓
40
40↓
0

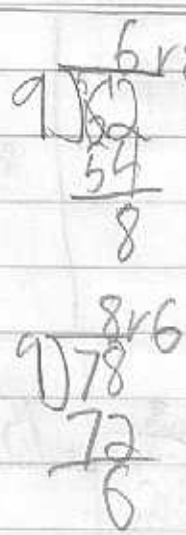
11

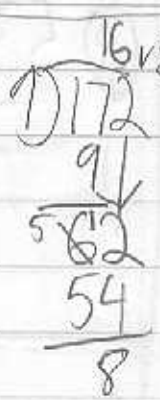
② $(x5+1)\div 2$

x	y
3	8
9	23
1	3
5	13

I can tell you the remainder of any number divided by 9 without even dividing! hint divide 5 different numbers by 9 and look for a pattern.







no pattern

1/20/04 Warm up

① $9\overline{)51}$ 5 r 6 (46, 6) $9\overline{)23}$ 2 r 5 (18, 5) $9\overline{)78}$ 8 r 6 (72, 6)

② $240 \div 6 = 40$
$2400 \div 6 = 400$
$24{,}000 \div 6 = 4000$
$240{,}000 \div 6 = 40{,}000$

③ $5\overline{)121}$ 24 r 1 (−10, 21; −20, 1)

④ $\frac{1}{5} = .5$ $\frac{3}{4} = .75$ $\frac{20}{100} = .20$
$\frac{15}{1000} = .015$

⑤ $(7x + 13) \div 2 = y$

x	y
3	17
5	24
7	31
9	38
1	10

Warm-up 1/24/05

① $6\overline{)173}$ R5 — 121, 53, 48, 5

$5\overline{)127}$ R2 — 10, 27, 25, 2

$9\overline{)125}$ R8 — 9, 35, 27, 8

② $\$1.24 \times 7 = \$8.68$

$\$7.283 \times 81 = 7283 + 58264 = \$589.123$

$\$0.431 \times 23 = 1293 + 8620 = 9.913$

③ $6300 \div 900 = 70$

④

x	y
1	-2 r2
2	r1
3	2
4	3 r2
5	5 r1

$(5x \div 3) - 3 = y$

$1 \times 5 = 5 \div 3 = 1 \text{ r}2 - 3 = -2 \text{ r}2$

$2 \times 5 = 10 \div 3 = 3 \text{ r}1 - 3 = 0 \text{ r}1$

$3 \times 5 = 15 \div 3 = 5 - 3 = 2$

$4 \times 5 = 20 \div 3 = 6 \text{ r}2 - 3 = 3 \text{ r}2$

$5 \times 5 = 25 \div 3 = 8 \text{ r}1 - 3 = 5 \text{ r}1$

Warm-up 1/25/07

① $1.735 \times 6 = 10.410$

$12.24 \times .15 = 1.120 + 2.250 = 3.370$

$.035 \times 17 = 245 + 35 = 0.595$

② $6\overline{)371}$ R5 (61)

$3\overline{)242}$ R2 (80)

$9\overline{)239}$ R5 (26)

③ $2\overline{)1.750}$ = 0.875

$5\overline{)17.50}$ = 350

$3\overline{)1.95}$ = 0.65

④

x	y
9	44
10	49
11	54
12	59
13	64

$5x - 1 = y$

Math Pg. 235 1/24/05

(6) $8 \times 7 = 56$ $567 \div 7 = 81$
$8.1 \times 7 = 56.7$
0.81×7 0.567

(8) $5 \times 2 = 10$ $10 \div 5 = 2$
$0.5 \times 2 = 1.0$
$0.05 \times 2 = 0.10$

(10) $5.7 \times 8 = 456$ $456 \div 8 = 57$
$5.7 \times 8 = 4.56$
$0.57 \times 8 = 0.456$

(12) $7.5 \div 1.5 = 5$
$7.5 \div 1.5 = 7.1$
$0.75 \div 0.15 = 5$

(14) $360 \div 4 = 90$
$360 \div 0.4 = 90$
$3.6 \div 0.04 = 90$

(16) $120 \div 40 = 3$
$12 \div 4 = 3$
$1.2 \div \square = 3$

(18) 0.04

(20) .8

(22) 0.9

(24) $0.17 \times 1.7 = 0.1$

(26) She added extra 0

(28) 44 | 65,984 = 1491 r 4

44			1424
212	9		396
176			48
36	38		
	396		
	404		

(30) $n \times 5 = 45$ $n = 9$

(32) D

$28 = 1491 r 4$

Warm-up 1/26/04

① $\frac{16}{24}$ $24\overline{)16.0000}$ → .666 (144, 160, 144, 160, 144, 16)

$\frac{3}{4}$ $4\overline{)3.00}$ → .75 (28, 20, 0)

.10, .25, .5

$28\overline{)7.00}$ → 25 (56, 140, 0)

② $13.25 \times 5 = 6625$

$.013 \times .12 = 26, 13\,000 = 156$

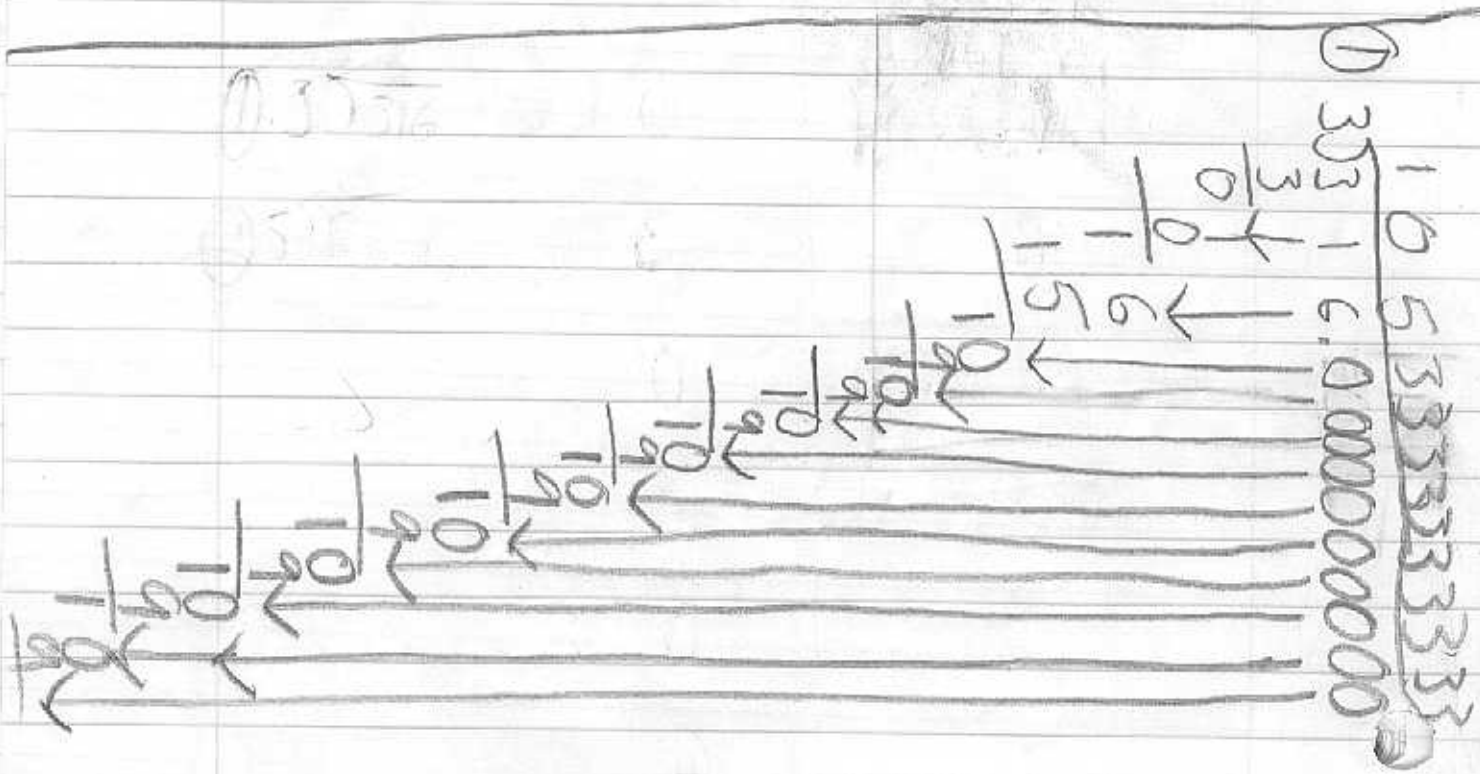
$1.32 \times 1.05 = 660, 132 = 1386$

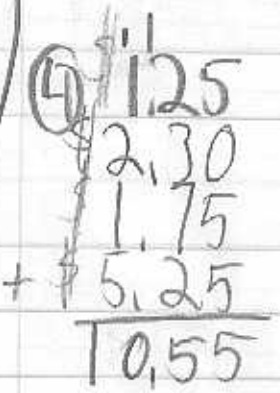
③ $10,432 - 8,323 = 82,018$

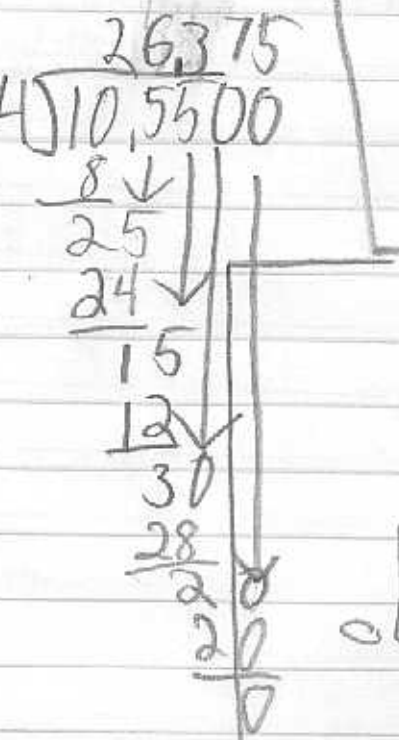
$17,243 + 29,705 = 17,272,834$

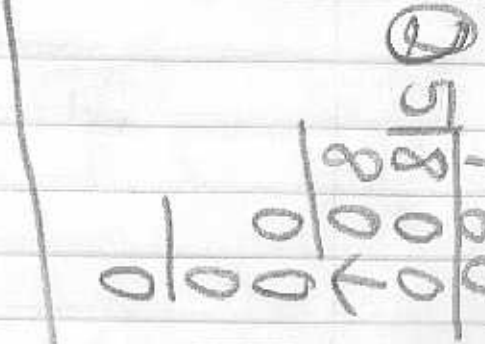
	tenths	hundredths
1.	.4	0
2.	.2	0
3.	.0	3
4.	.1	0
5.	.0	2
6.	.2	0
7.	.0	6
total	1.01	

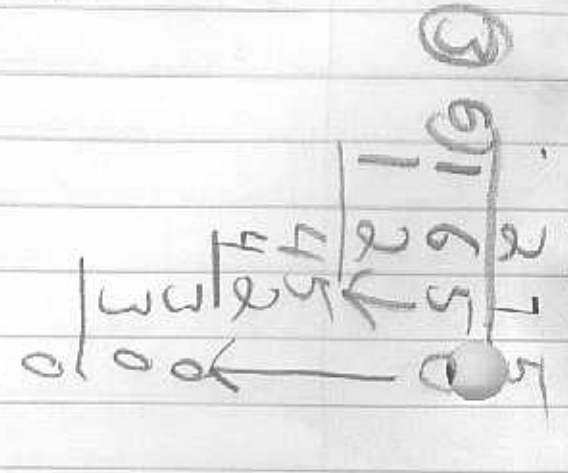
Warm-up 1/27/25











[illegible]

(5) 204÷12=17

20.4÷1.2=17

2.04÷0.12=17

Math pg. 244

④ $204 \div 12 = 17$
$20.4 \div 1.2 = 17$
$2.04 \div 0.12 = .17$

⑤ $216 \div 3 = 72$
$21.6 \div .03 = 7.2$
$2.16 \div .03 = 72$

⑥ $420 \div 70 = 6$
$420 \div .7 = 6$
$4.2 \div .07 = 6$

⑦ $0.8 \overline{)5.6}$ 7
56
0 $n = 7$

⑧ $0.6 \overline{)1.8}$ 3 $n = 3$
18
0

⑨ $n = 0.30$

⑩ $0.5 \overline{)4.5}$ 9

⑪ $0.28 \overline{)1.40}$ 5
140
0

⑫ $6 \overline{)20.4}$ 36
18
24

⑬ $9.9 \overline{)18.63000}$ 1.67
99
873
792
810
693
1170
990
1800
1683
117

⑭

Math Warm-up 1/31/05

① 3)963
3↓
63
63
0
321

② 7)105
7↓
35
35
15

③ $\frac{3}{4} = .75$ $\frac{10}{24} = .416$ $\frac{17}{100} = .17$

24)10.0000
16↓
140
120
200
192
80
72
80
.41666

100)17.00
100↓
700
.17

④ 7)277
21↓
67
63
4
39 r4

⑤ 12.05
.17
8435
12050
2043 5

1/31/05

Warm-up
2-1-05

1432 r5
① 7)10029
7↓
030
28↓
22
21↓
019
14
5

5 16 1 16
8 6
130 6

8.285
② 0.16)1.3256
130↓
0025
16↓
96

1.5
③ 7)11.05
7↓
35

① $1.789 \div 9$

$$\begin{array}{r} .198 \\ 9\overline{)1.789} \\ 9\downarrow \\ \hline 88 \\ 81\downarrow \\ \hline 79 \\ 72 \\ \hline 7 \end{array}$$

④ $.455 \div .05$

$$\begin{array}{r} 9.1 \\ .05\overline{).455} \\ 45\downarrow \\ \hline 05 \\ 05 \\ \hline 0 \end{array}$$

② $.3216 \div .15$

$$\begin{array}{r} 2.14 \\ .15\overline{).3216} \\ 30\downarrow \\ \hline 21 \\ 15\downarrow \\ \hline 66 \\ 60 \\ \hline 6 \end{array}$$

③ $.190 \div .08$

$$\begin{array}{r} 2.0 \\ .08\overline{).190} \\ 16\downarrow \\ \hline 30 \\ 0 \\ \hline 0 \end{array}$$

Math Warm-up 2/2/05 ground hog day '05

DO ① $\frac{1}{2}$ ② $\frac{3}{4}$ ③ $\frac{10}{120}$ ④ $\frac{17}{1000}$ ⑤ $\frac{12}{24}$

① .5 ② .75 ③ .083 ④ 0.017 ⑤ .5

⑥ 17.24
× .05
8620
0000
0.8620

⑦ .16 ⟌ 3.20
32
00
0
0

⑧ 9 ⟌ 123
9
33
27
6

Math pg 244 2/2/05

① whole number

② quotient

③ multiplication

④ $204 \div 12 = 17$
$20.4 \div 1.2 = 17$
$2.04 \div 0.12 = .17$

⑤ $216 \div 3 = 72$
$21.6 \div 0.3 = 7.2$
$2.16 \div .03 = 72$

⑥ $420 \div 70 = 6$
$42.0 \div 7 = 6$
$4.2 \div 0.7 = 6$

⑦ $0.8\overline{)5.6}$ → 7.
56
0

⑧ $0.6\overline{)1.8}$ → 3
18
0
n = 3

(9) $n = .30$

(10) $0.5\overline{)4.5}$

$$\begin{array}{r} 9 \\ 45 \\ \hline 0 \end{array}$$

(11) $0.28\overline{)1.40}$

$$\begin{array}{r} 5 \\ 140 \\ \hline 0 \end{array}$$

(12) $6\overline{)20.4}$

$$\begin{array}{r} 34 \\ 18\downarrow \\ \hline 24 \end{array}$$

(13) $9.9\overline{)16.6300}$

$$\begin{array}{r} 1.7 \\ 9.9\downarrow \\ \hline 6.73 \\ 5.94\downarrow \\ \hline 7.90 \\ 6.93\downarrow \\ \hline 9.70 \\ 8.91\downarrow \\ \hline 7.90 \\ 6.93 \\ \hline .97 \end{array}$$

(14) $0,32 \overline{)1,824}$

5,7

160

224

224

0

(15) $0,9 \overline{)0,405}$

45

036

45

45

0

(16) $23,5 \overline{)5,140500}$

235

470

4700

4700

0

2350

2350

0

(17) 0.03)15.66
522
154
06
6
06
6
0

(18) 0.025)8.00
32
75
50
50
0

(19) 00.03
460.138
138
0

(20) 0.25)4.75
19
25
225
225
0

21) 4.5 | 40 — 12
45
90
90
0

22) $14.54 − $16.87 = 2.67 — subtraction

23) $4.25 × 15 = 63.75 — multiplication

24) $0.59 × 5.1 = 2.95
59
59
0

25) 5.75 × 5 = $28.75 artículos

$6.50 × 3 = $19.50 christine

$28.75 − $19.50 = 11.25

Math Warm-ups 2/3/25

① $(4x+3)-2=y$

x	y
1	5
9	37
6	25
3	13

② $9\overline{)273.00}$ = 30.33

27
03
0
30
27
30
27

③ $1.3\overline{)32.1000000}$ = 24.69230

26
56
52
80
78
120
117
30
26
40
39
10
0
100

B

$$\begin{array}{r} 1731 \\ \times\ 12 \\ \hline 3462 \\ 1731 \\ \hline 20772 \end{array}$$

mean

⑨ 38
0.7)2.66
2.1↓
56
56
0

⑩ .7
0.16)1.12

⑪

⑫ 17.31
1.3)22.62
13↓
96
91↓
52
39
13
13
0

⑬ 4
13.)16.36

⑭ .3
3.7)1.11
111
78

⑮ 0.6)4.68
4.2↓
48
48
0

⑯ 17.
0.43)7.31
43
301
301
0

243
7
301

⑰ 3.25
7
22.75

254
7
1778

254
6
1524

254
2
508

254
3
762

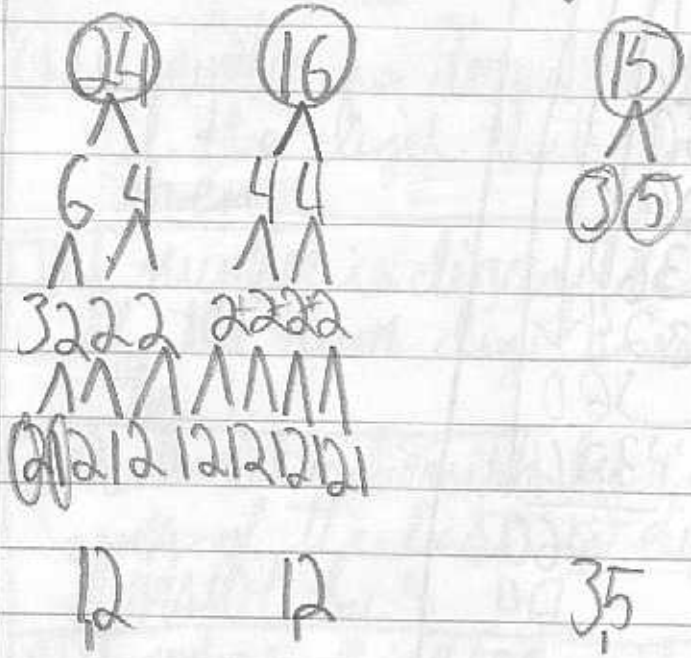
⑱ 40cm
6.2
254)1600
15.24
760
508
252

$$
\begin{array}{r}
6.44 \\
3\overline{)19.32} \\
18 \\
\hline
13 \\
12 \\
\hline
12 \\
12 \\
\hline
0
\end{array}
$$

$$
\begin{array}{r}
6.12 \\
10.9 \\
\hline
6.3
\end{array}
$$

Math Warm-up 2/7/05

① find all the factors of



12 12 3,5

② 1 1.0777
.09 1 3.70.0000
4
097
90
070
63
070
63
070
63
070
63
070
63
7


8.3333
1.08
864
360
324
360
324
360
324
360
324
36

Math pg. 254 2/7/05

Divisibility Rules	divisible	not divisible
① A number is divisible by 2 if the digit that's last is even	364	797
② A number is divisible by 3 if the sum digits is divisible by 3	702	764
③ A number is divisible by 4 if the sum of the last two digits is divisible by 4	226	281
④ A number is divisible by 5 if the last digit is a 0, or a 5	360	342
⑤ A number is divisible by 6 if the number is divisible by 2 and 3	720	943
⑥ A number is divisible by 9 if the sum of the digits is divisible by 9	603	724
⑦ A number is divisible by 10 if the last digit is a 0	600	704

(2) 10; 5; 2

(3) 9; 2

(4) 10; 3; 5; 6

(6) 3; 2; 6; 9

(8) 3; 5; 9

(10) 2; 3; 6; 5; 10

(12) 2; 4

(14) 3

(16) 2; 3; 6; 4

(18) 2; 3; 6

(20) 2, 4

(22) no

(24) yes

(26) no

(28) no, numbers that are divisible by 3 are not always divisible by 9

(30) no, numbers divisible by 4 only if the last 2 digits sum is divisible by four, even or not

(32) no, there is a remainder of 1

13 r 1
7 | 118
91
28
27
1

(34) 180

Warm-up 2/8/05

① tell me what a "factor" is?

example: a example is $5 \times 4 = 20$, 5 and 4 are both factors.

② Tell me What is a "multiple"

example:

pg 256

(a) 14 (b) 20 (c) 16 (d) 12 (e) 6 (A) 18

Warm-up 2/9/05

① $\frac{16}{24} = .66\frac{3}{4} = .75\ \frac{18}{100} = 10\frac{7}{28} = .25\quad \frac{12}{24} = .5$

$$
\begin{array}{r}
.66 \\
24\overline{)16.00} \\
144 \\
\hline
160 \\
144 \\
\hline
16
\end{array}
$$

② $13.25 \times 5 = 66.25$

$.013 \times .12 = .026 + .013 = .00156$

$1.32 \times .05 = .0660$

③ $80,421 - 8,323 = 82,098$

$17,243,129 + 29,705 = 17,272,834$

Math pg 256 2/9/05

① 4, 8, 12, 16, 20, 24, 28

② 5, 10, 15, 20, 25, 30

③ 6, 12, 18, 24, 30, 36

④ 8, 16, 24, 32, 40, 48

⑤ 7, 18, 27, 32, 41, 50

⑥ 6

⑦ 21

⑧ 18

⑨ 60

⑩ 40

⑪ 24

⑫ 30

⑬ 123.45 × .34 = 41.973 → 41.973 / 6 = 6.662 → 20.55 / 17102

⑭ 0.7 | 3.85 → 55 → 35 / 35

⑮ <

⑯ 56

⑰ B

Warm-up 2/10/05

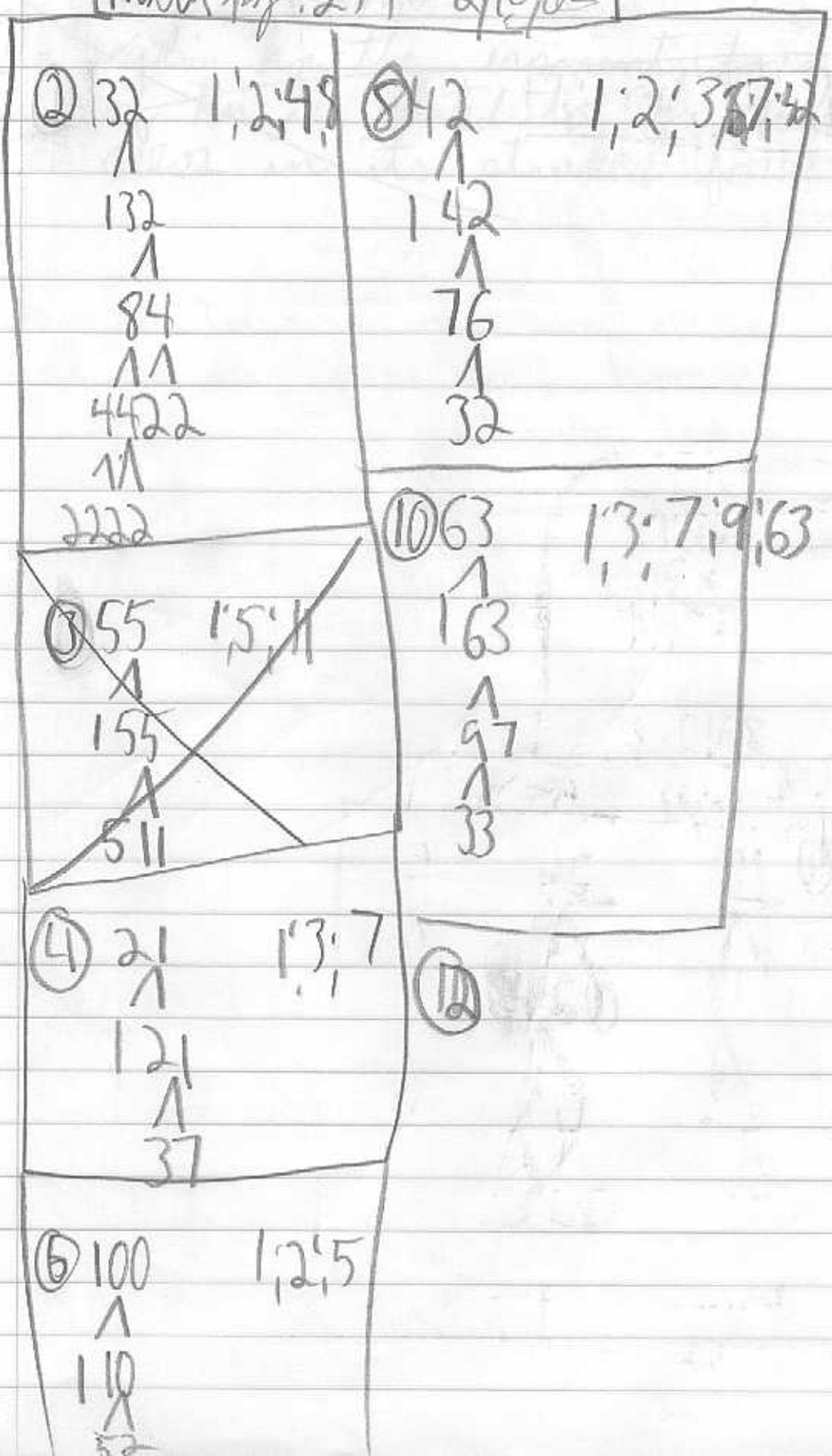
① 21; 40; 10

② 23.45
× 3.5
11725
70350
82.075

③ 35 = n − 21 n = 56

④ 18: 1, 2, 3, 6, 9, 18
24: 1, 2, 3, 4, 6, 8, 12, 24
9: 1, 3, 9
3, 2
3, 2, 2, 2
1, 2, 3, 1
1, 2, 3, 1, 3

Math pg. 259 2/10/05



Math pg 267

① Explain how the exponent of a power of ten is related to the number of zeros in its standard form

$10 \times 1 = 10$
$10 \times 10 = 100$
$10 \times 10 \times 10 = 1000$
$10 \times 10 \times 10 \times 10 = 10000$
$10 \times 10 \times 10 \times 10 \times 10 = 100000$

Square number: a product of a number and itself
exponent: how many times a is used as a factor
base: number

$100 = 10 \times 10 = 10^2$

product
factor
factor
base
exponent

Math pg. 267 2/16/05 2-35

(2) 10^2
(3) 10^5
(4) 10^4
(5) 10^6
(6) 10^{10}
(7) 100
(8) 10000
(9) 10
(10) 100000
(11) 1000
(12) 10^3
(13) 10^8
(14) 10^9
(15) 10^1
(16) 1000000
(17) 10000000
(18) 100000000
(19) 1000000000
(20) 3
(21) 10000
(22) 10
(23) 4
(24) 1000000
(25) 10
(26) >
(27) =

(28) =
(29) <
(30) =
(31) <
(32) >
(33) >
(34) $200
(35)
$26.50
$3.55
$4.36
$5.98
$40.39

Math Warm up 2/17/05

1) $8 \times 8 \times 8 \times 8 = 8^4$

2) $10000 = 10^4$

3) $5 \times 5 \times 5 \times 5 \times 5 = 5^5$

4) $(7 \times 7) \times 7 = 7^3$

equal factors of:

DGA $= 8 \times 8$ $81 = 9 \times 9$

2) $9^4 = 9 \times 9 \times 9 \times 9$

3) $6^3 = 6 \times 6 \times 6$ $49 = 7 \times 7$

label this equation

$81 = 9 \times 9 = 9^2$

exponent
base
factor
factor
product

360

1

$2^3 \times 3^2 \times 5$

3610

1 1

66 50

11

3000

Warmup 2/22/05

① $2^5 = 2 \times 2 \times 2 \times 2 \times 2 = 32$

② $12 \times 12 \times 12 = 12$

③ 24.761

1,352.1900

26
56
52
99
91
80
78
20

④ 883 r12

24 | 21204

192
200
192
84
72
12

⑤ $\frac{1}{10}, \frac{1}{8}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$

⑥ 3,423 × 17 = 58191

23961
3423

7464 r1

① 537,321

35 4

23

20

32

30

21

20

1

⑧ 43

×70

0

3010

3010

① 36

1.30

66

0

$2^2 \times 3^2 \times 1 = 36$

① $4^5 =$

② $16 \times 16 \times 16 \times 16 \times 16 =$ ___

③ $1.2\overline{)2.46}$

④ $16\overline{)3,264}$

⑤ order from greatest to least

$\frac{1}{6}, \frac{1}{2}, \frac{1}{12}, \frac{1}{3}, \frac{1}{8}$

⑥ $\begin{array}{r} 7,423 \\ \times\ ,31 \\ \hline \end{array}$

⑦ $4\overline{)6,522}$

⑧ $\begin{array}{r} 72 \\ \times 80 \\ \hline \end{array}$

⑨ find the prime factors of 96, use exponents.

① 64

② 16^5

③ 2.05

④ 202

⑤ $\frac{1}{2}, \frac{1}{3}, \frac{1}{6}, \frac{1}{8}, \frac{1}{12}$

⑥ 23113

⑦ 1,630 r2

⑧ 5,760

⑨ $2^3 \times 7$

12 problems × 2

① 1083 r6
27) 29,247
-27
22
-0
224
-216
87
-81
6

1083 r6
27) 29,247
-27
22
-0
224
-216
87
-81
6

② 7906
8) 63,248
-56
72
-72
04
-0
48
-48
0

7906
8) 63248
-56
72
-72
04
-0
48
-48
0

③ 458.9 r1
6) 275.35
-24
35
-30
53
-48
55
-54
1

45.89 r1
6) 275.35
-24
35
-30
53
-48
55
-54
1

④ Prime factorization of 55

55
11 5
5 × 11

5
11) 55
-55
0

Clueless

⑤ $\frac{11}{11} \times \frac{11}{11}$ of 54

$3^3 \times 2 = 54$

54 | 54

2 7 | 6 9

3 2 3 3 | 3 2 3 3

⑥ 2.3 | 28.42

12.3 r 13

23↓

54

46↓

82

69

13

12.3 r 13

2.3 | 28.42

23↓

54

46↓

82

69

13

⑦ $13^1 \times 13^2 \times 13^3 \times 13^4 \times 13^5 \times 13^6 = 13^6$

⑧ $\frac{25}{100} = .25$ $\frac{35}{100} = .35$ $\frac{7}{1000} = .007$

⑨ 7 | 4239,14

60559 r1

42↓

03

0↓

39

35↓

41

35↓

64

7 | 4239,14

60559 r1

42↓

03

0↓

39

35↓

41

35↓

64

63

1

(10) $6\overline{)519.32}$ = 86.55 r2

48↓
39
36↓
33
30↓
32
30
2

$6\overline{)519.32}$ = 86.55 r2

48↓
39
36↓
33
30↓
32
30
2

(12) $2^3 \times 8 = 64$ $2 \times 2 = 4 \times 2 = 8 \times 8 = 64$

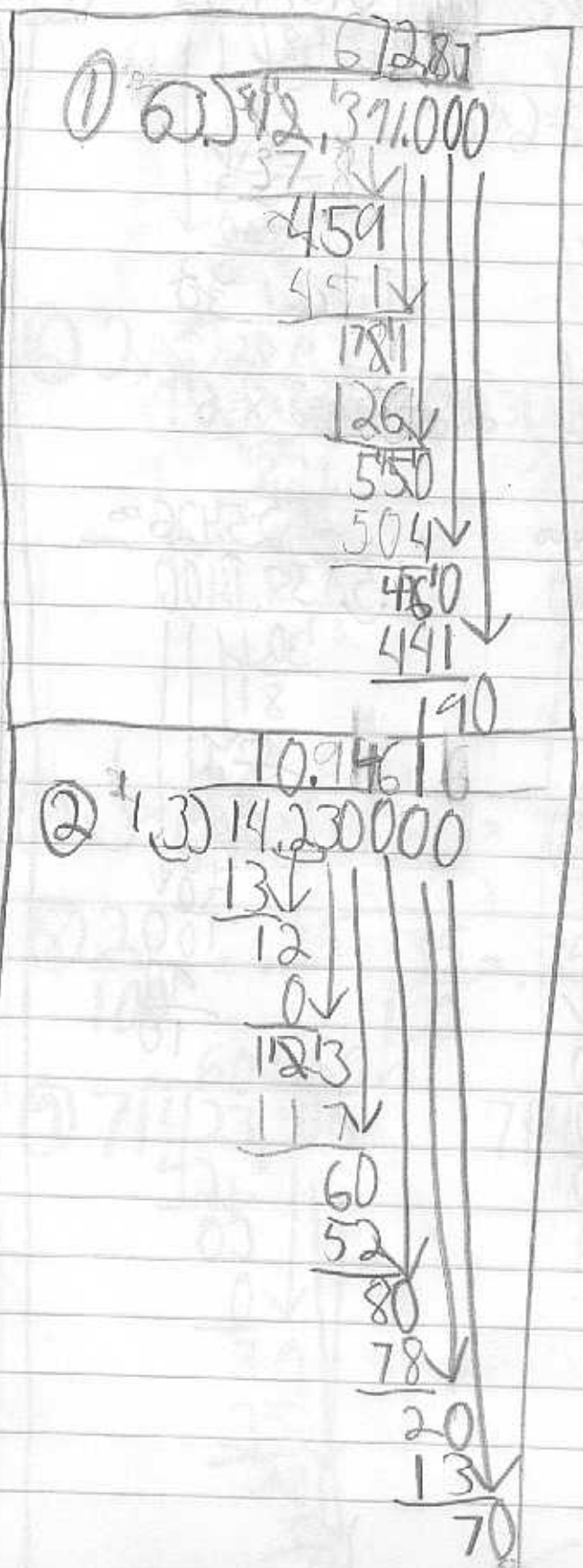
(11) $1.5\overline{)38.1400}$ = 25.426...

30↓
781
75↓
64
60↓
40
30↓
100
90
10

$1.5\overline{)38.1400}$ = 25.426...

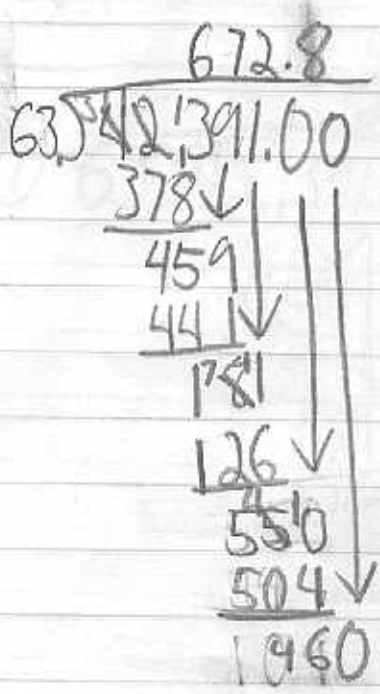
30↓
81
75↓
64
60↓
40
30↓
100
90
10

Warm up 2/24/05



10) 13.25
× .16
1 1 3
1 7 1 5 0
1 3 2 5 0
2 1 2 0 5

9) 80

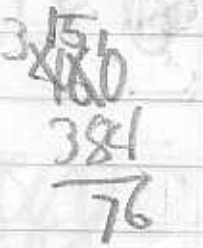


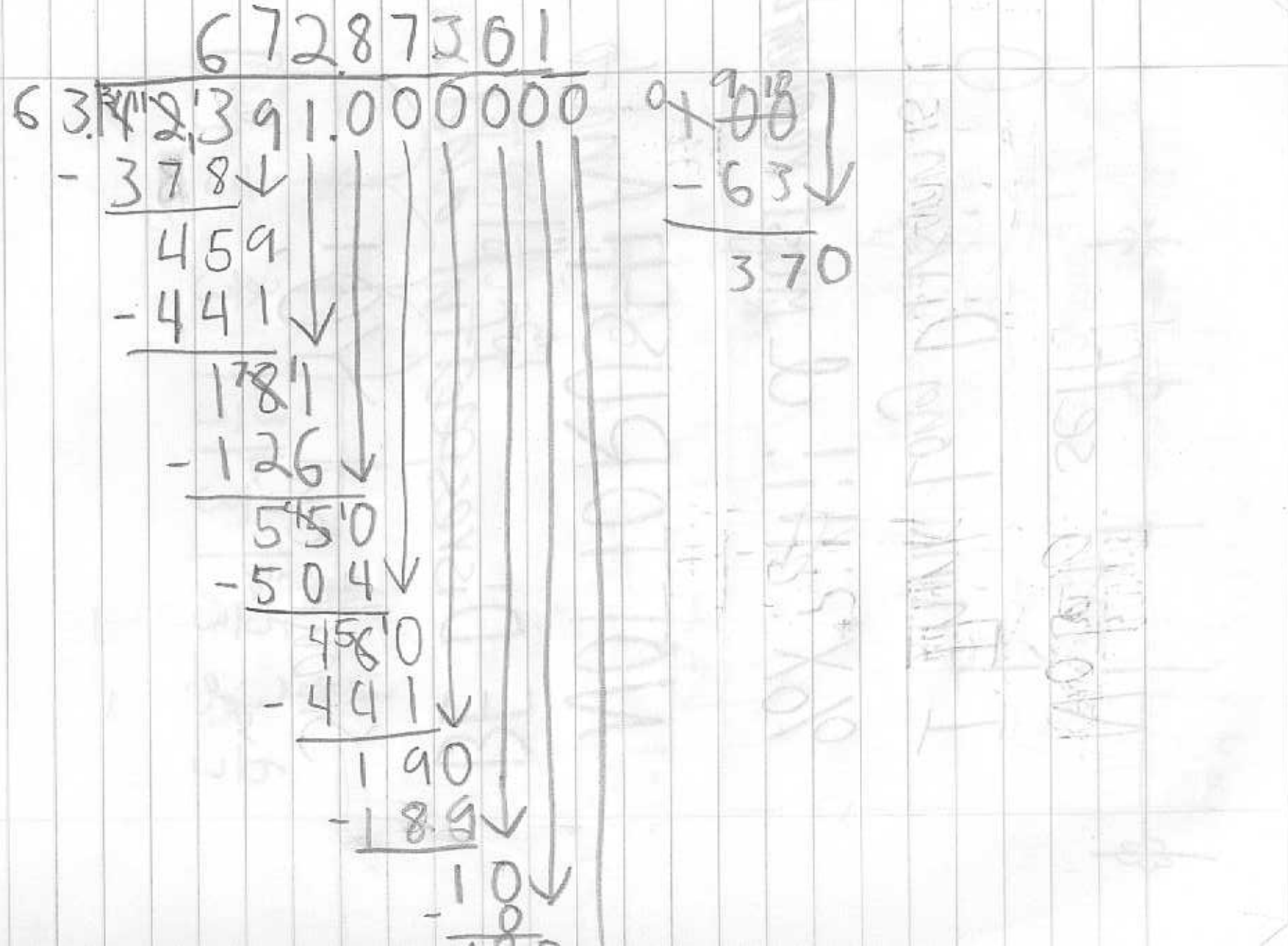
$$263 \times 8 = 504$$

$$263 \times 7 = 501$$

$$263 \times 6 = 384$$

$$263 \times 7 = 501$$

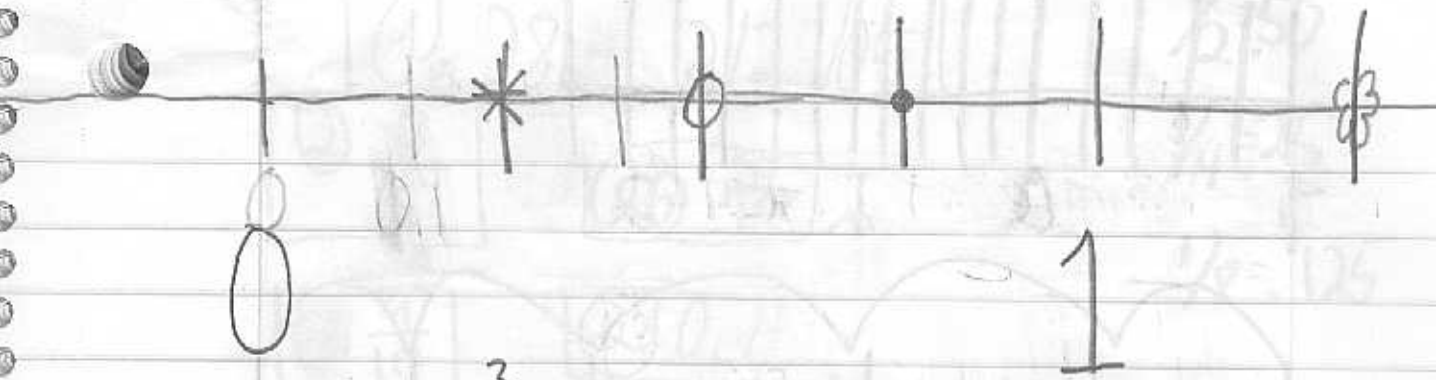



6 7 2 8 7 3 6 1
63 41 23 91.00000000
- 378
459
- 441
181
- 126
550
- 504
460
- 441
190
- 189
10
- 8
9 10
- 63
370

Note to self:

I Think Long Division is %X*?#!. I must remember

NOT TO RUSH! And to BE Disrespectful and Shout out YO!

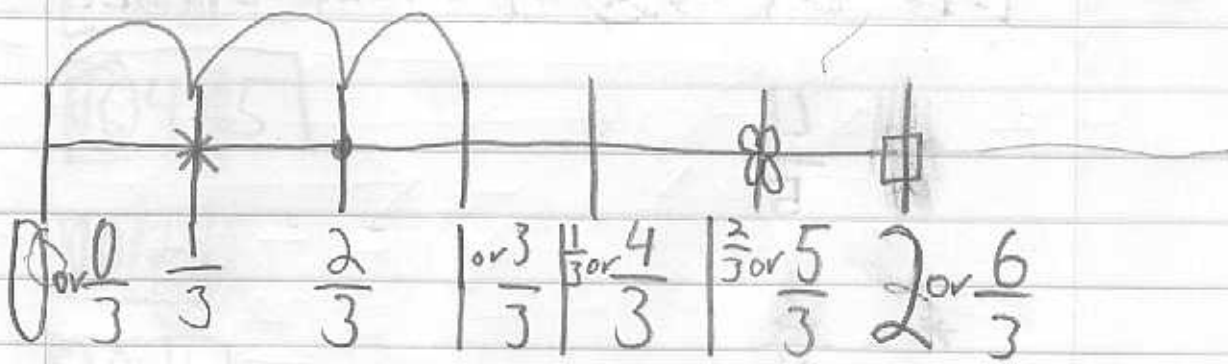


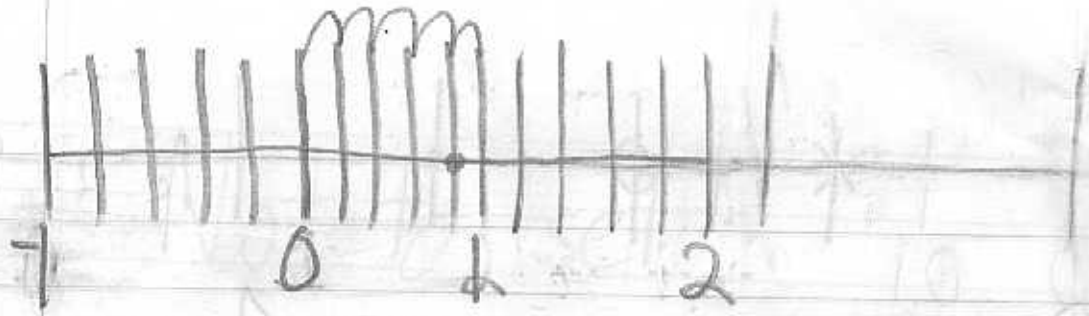
$\frac{3}{4} =$ •

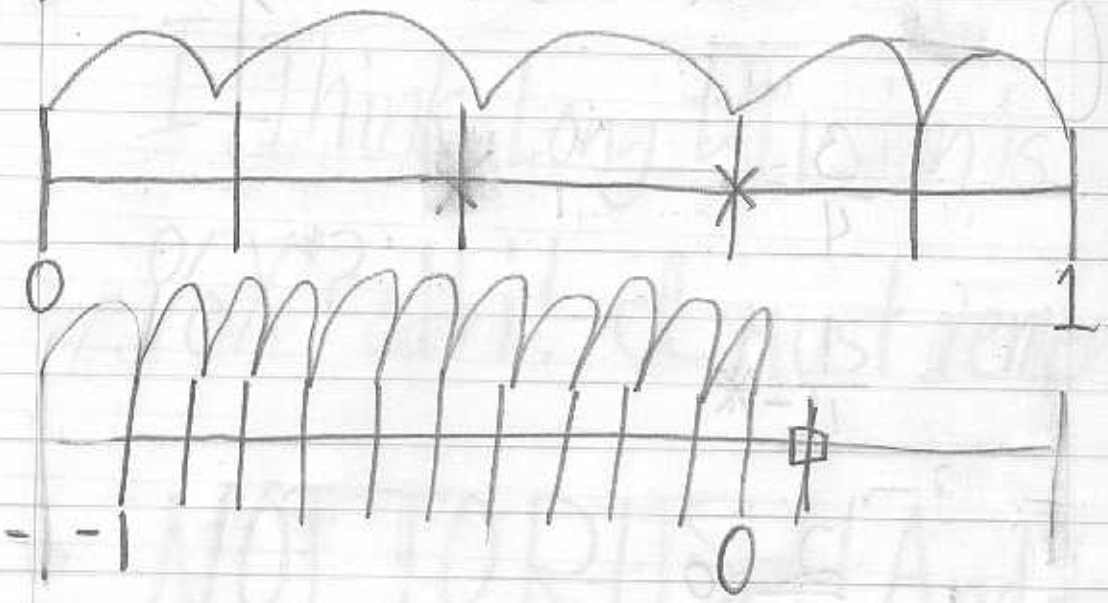
$\frac{1}{4} = *$

$\frac{2}{4} = 0$

$\frac{5}{4}$ or $1\frac{1}{4} =$ ✿







$\bullet = \frac{4}{5}$

$* = \frac{3}{4}$

$\square = \frac{1}{10}$

Pg. 281 2/2/05

$\frac{1}{2} = .50$

$\frac{1}{4} = .25$

$\frac{1}{8} = .125$

(2) $\frac{3}{5}$

(4) $\frac{9}{10}$

(6) $\frac{4}{5}$

(8) $\frac{63}{100}$

(10) $\frac{17}{40}$

(12) 0.01

(14) 0.2

(16) 475

(18) $\frac{1}{2}$

(20) $\frac{1}{4}$

(22) $\frac{4}{5}$

(24) $\frac{9}{10}$

(26) $\frac{33}{100}$

(28) 0.7

(30) 0.20

Big one

$\frac{2}{10} = \frac{1}{5}$ $\frac{4}{10} \div \frac{2}{2} = \frac{2}{5}$

$\frac{4}{10} = \frac{2}{5}$

$\frac{6}{10} = \frac{3}{5}$

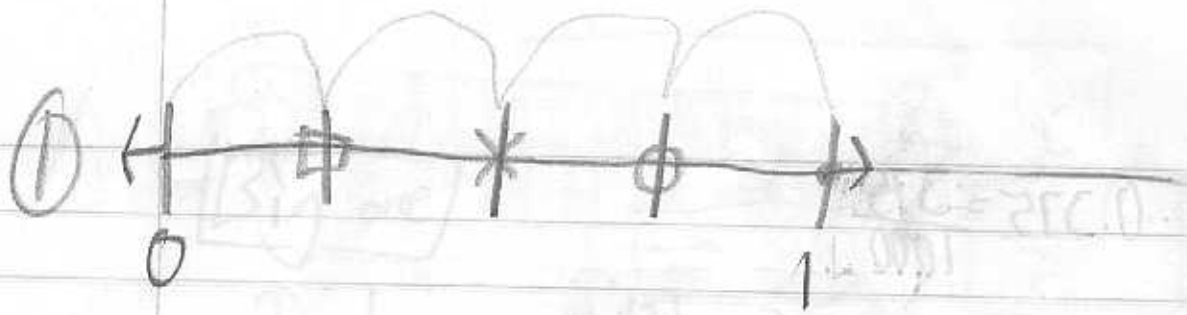
Example

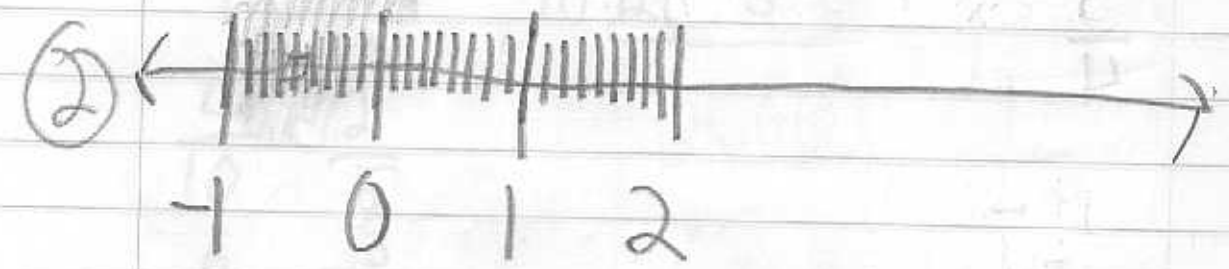
$\frac{2}{5} \times \frac{2}{2}$ $5\overline{)2.0}$ .4

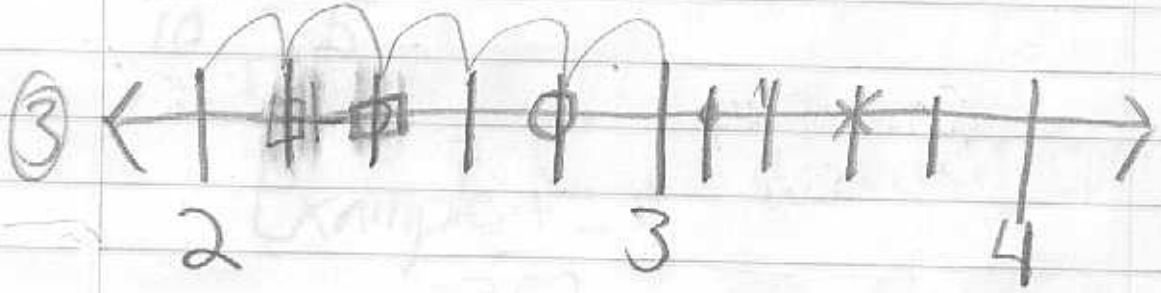
2.0

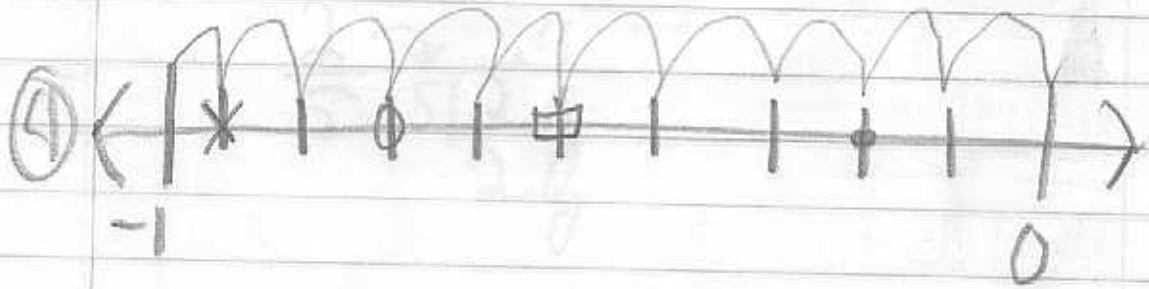
$0.375 = \frac{375}{1000}$

$\frac{3}{4}$









① ● = $\frac{4}{4}$ or 1
* = $\frac{2}{4}$ or $\frac{1}{2}$
□ = $\frac{1}{4}$
○ = $\frac{3}{4}$

② ● = $\frac{7}{7}$
* = $\frac{13}{7}$
□ = $\frac{11}{7}$
○ = 2 or $\frac{18}{7}$ or $\frac{2}{1}$

③ ● = $3\frac{1}{5}$
* = $3\frac{3}{5}$
□ = $2\frac{2}{5}$
○ = $2\frac{2}{5}$

④ ● = $\frac{8}{10}$ or $\frac{4}{5}$
* = $\frac{1}{10}$
□ = $\frac{5}{10}$ or $\frac{1}{2}$
○ = $\frac{3}{10}$

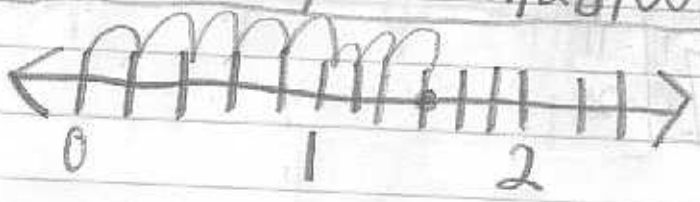
① $\frac{11}{21} \div \boxed{\begin{matrix}1\\1\end{matrix}} = \frac{11}{21}$

② $\frac{2}{6} \div \boxed{\begin{matrix}2\\2\end{matrix}} = \frac{1}{3}$

③ $\frac{12}{16} \div \boxed{\begin{matrix}4\\4\end{matrix}} = \frac{3}{4}$

Any prime except 2 that is no other option.

Math Warm-up 2/28/05

① 

• = $1\frac{3}{6} - 1\frac{1}{2}$

② $3^5 = 3 \times 3 \times 3 \times 3 \times 3 = 243$

$3^3 = 9 \times 3 = 27 \times 3 = 81 \times 3 =$

27
3
81

③ $\frac{5}{10} - \frac{1}{2}$ $\frac{16}{24} \div \frac{8}{6} = \frac{2}{3}$ $\frac{5}{8} - \frac{5}{8}\frac{2}{10}\frac{1}{5}$

Math Adding fractions 2/28/05

① $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$

② $\frac{2}{12} + \frac{6}{12} + \frac{1}{12} = \frac{9}{12}$

③ $\frac{1}{9} + \frac{2}{9} = \frac{3}{9}$

④ $\frac{7}{16} + \frac{1}{16} = \frac{8}{16}$

LF=Jan

Like fraction just add numerator

$\frac{1}{4} + \frac{3}{8} = \frac{5}{8}$

8

3×2=6
F F M

13

$\frac{6}{12} + \frac{3}{8}$

24

$\frac{1}{4} \quad \frac{2}{8}$

$+\frac{3}{8} \quad \frac{3}{8}$

$\frac{5}{8}$

$\frac{6}{12} \quad 12$

$\quad 24$

$+\frac{3}{8} \quad 9$

$\quad 24$

$\frac{21}{24}$

$\frac{3}{7} \times \frac{1}{3}$

21

$\frac{3 \times 3}{7 \times 3} = \frac{9}{21}$

$+ \frac{1 \times 7}{3 \times 7} = \frac{7}{21} +$

$\frac{16}{21}$

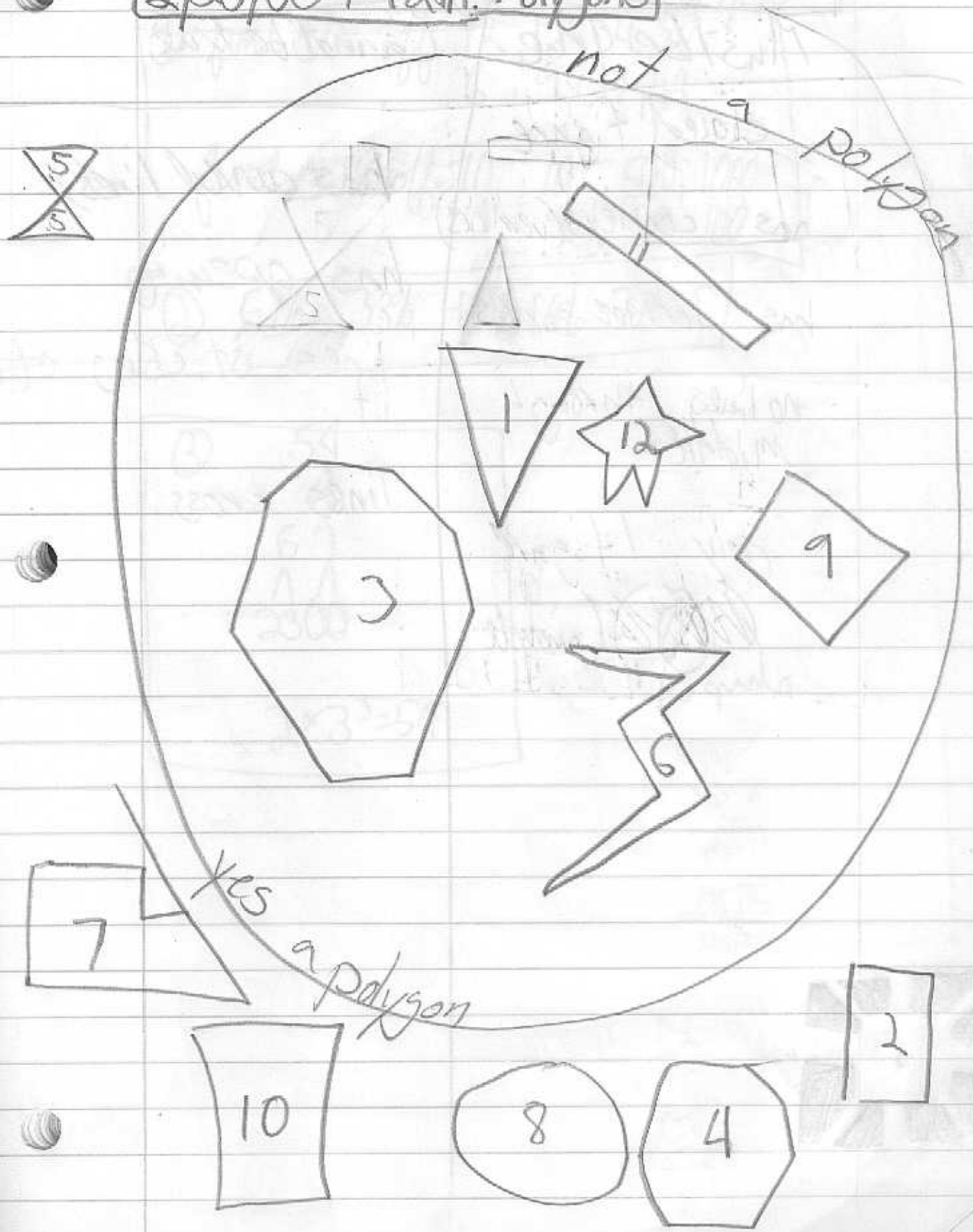
$\frac{4}{9} \times \frac{25}{100}$

1900

$\frac{4 \times 100}{9 \times 100} = \frac{400}{900}$

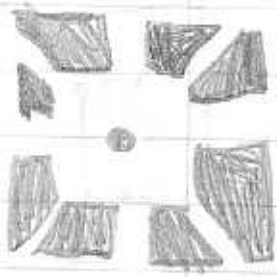
$\frac{25 \times 9}{100 \times 9} = \frac{225}{900}$

2/28/05 Math: Polygons



Polygon

Must be true	Cannot be true
closed figure	has curved lines
has corners (vertices)	has opening
has 3 or more sides	lines sticking off it
no lines through middle	lines cross
only 1 figure (simple shape)	



Warm up 3/1/05

① find 50% off 12, 18, 34, 88 ;
6, 9, 17, 44

find 10% off 10, 100, 500, 1000
1 10 50 100

② 67% 33% 45% 16% 70%

③ 54

1

6 9

1 1

2 3 3 3

$2 \times 3^3 = 54$

Percents (always over 100)

① $58\% = \frac{58}{100} = .58$

② $64\% = \frac{64}{100} = .64$

③ $5\% = \frac{5}{100} = .05$

④ 25% of 40

$.25 = \frac{25}{100} = \frac{1}{4} = 10 \times 4 = 40$

⑤ 36% of 99 = 35.64 → 36.00

$$\begin{array}{r} {}^{2}{}^{5}99 \\ \times .36 \\ \hline 1594 \\ 1\,2970 \\ \hline 35.64 \end{array}$$

⑥ 15% of 29 = 4.35

$$\begin{array}{r} {}^{4}29 \\ \times 15 \\ \hline 1\,145 \\ 29 \\ \hline 4.35 \end{array}$$

Math: Percents 3/2/05

find 15% of 48

① 48 (7.20)

48
.15
240
480
720

② find 25% of 36

36
.25
180
720
900

900

③ 35% as a decimal

35

④ 14

⑤ 85%

⑥ 80%

⑦ 15%

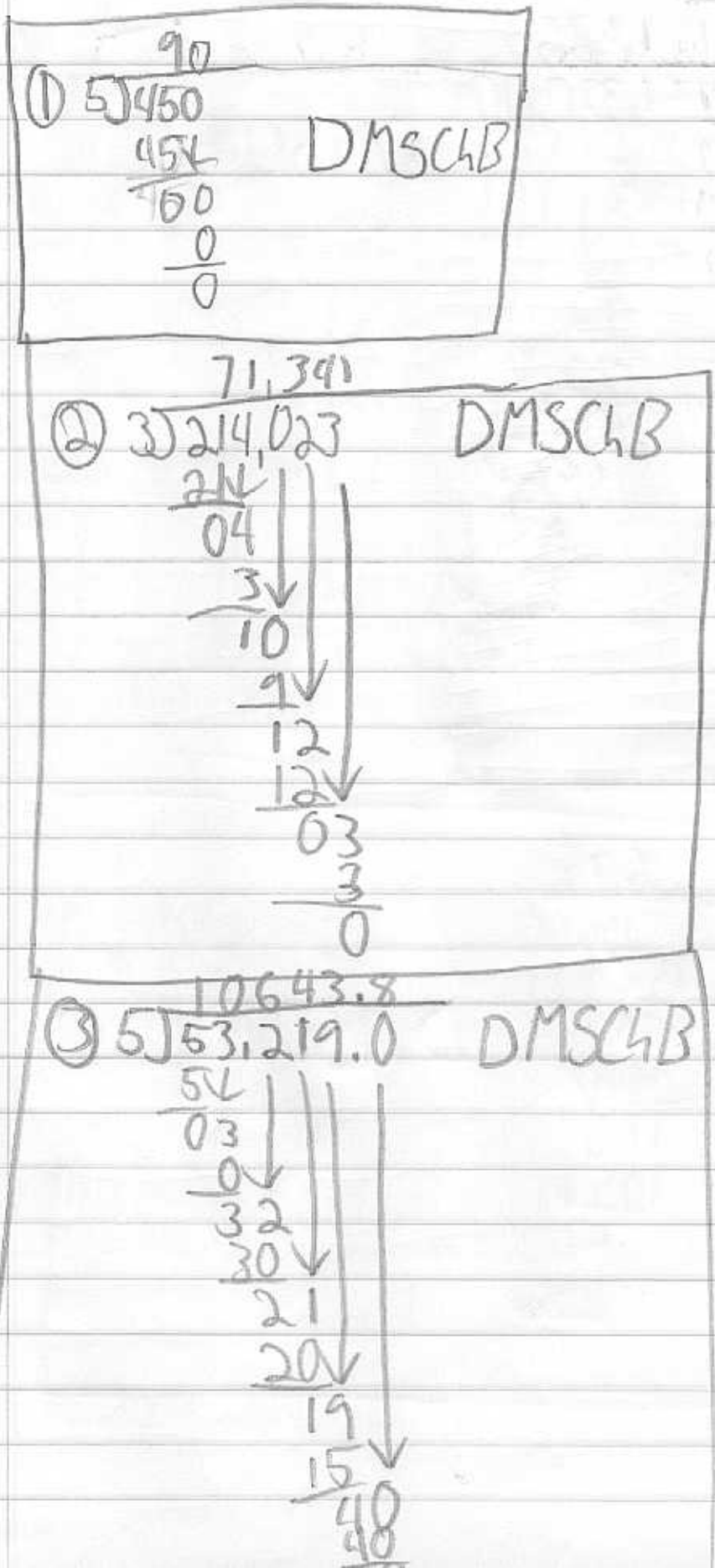
⑧ 90%

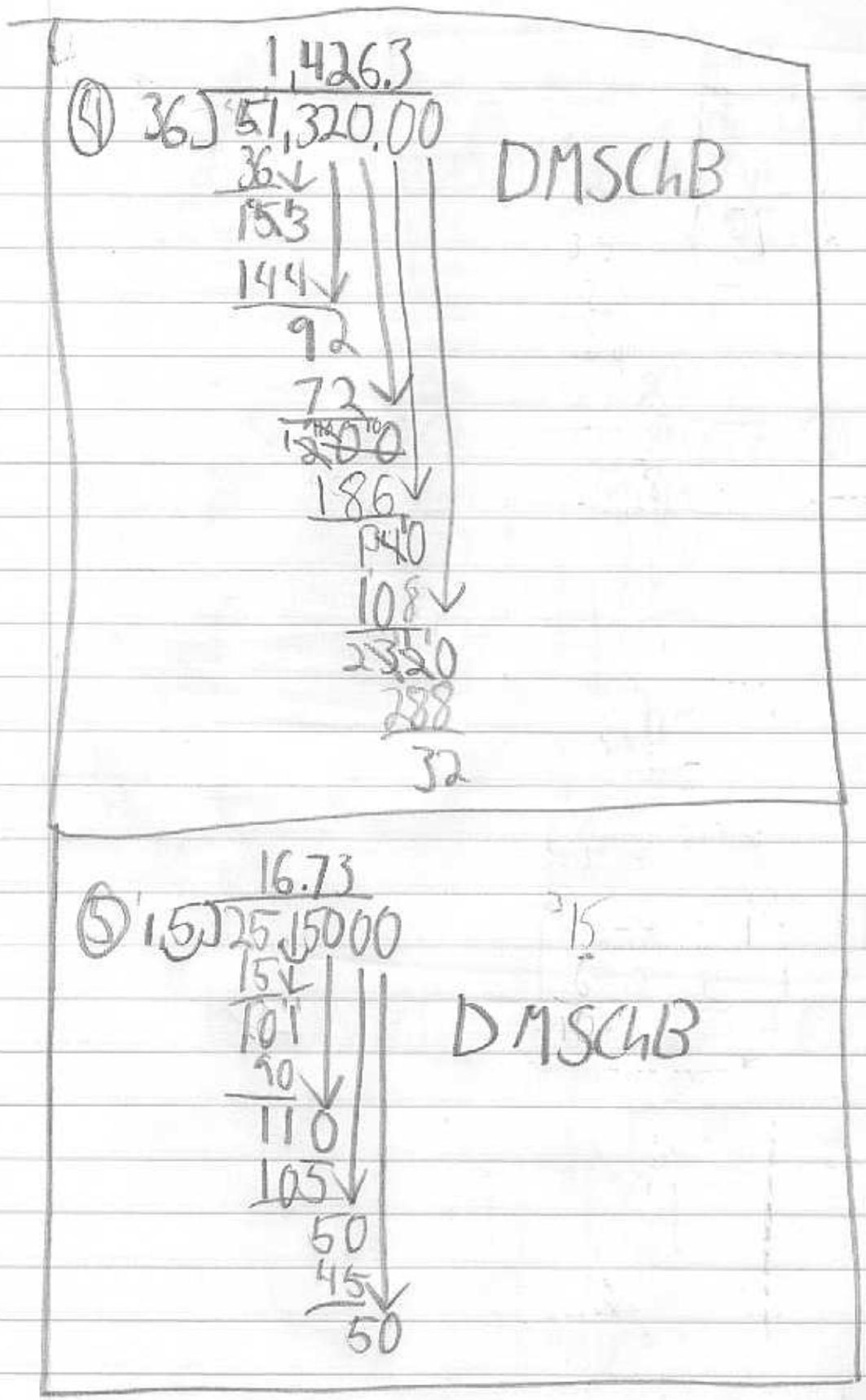
⑨ 5%

⑩ 35%

Math directions to draw polygon 3/2/05

A	LA
0,	30
10,	20
0,	10
10,	0
10,	-10
0,	-10
0,	-20
-20,	-20
-20,	-10
-30,	-10
-30,	0
0,	30

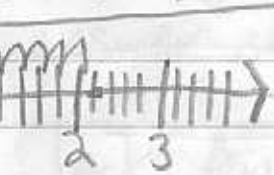

90
① 5)450
45↓
00
0
0
DMSCHB
71,391
② 3)214,023
21↓
04
3↓
10
9↓
12
12↓
03
3
0
DMSCHB
10643.8
③ 5)53,219.0
5↓
03
0↓
32
30↓
21
20↓
19
15
48
48
DMSCHB


1,426.3
4) 36 51,320.00
36
153
144
92
72
1320
186
1440
108
2520
288
32
DMSCHB
16.73
5) 1.5 25.15000
15
101
90
110
105
50
45
50
DMSCHB

⑥ 77
11 × 7 = 77

⑦ 36
49
2233 $3^2 \times 2^2 = 36$

⑧ $7 \times 7 \times 7 = 7^3 = 7 \times 7 = 49 \times 7 = 343$

⑨ 

$\bullet = 2\frac{1}{5}$

⑩ 

$\bullet = \frac{2}{4}$ or $\frac{1}{2}$

⑪ $\frac{2}{5} \times \frac{4}{4} = \frac{8}{20}$ $\quad \frac{1}{4} \times \frac{5}{5} = \frac{5}{20}$ $\quad 8 - 5 = 3$ $\quad \frac{3}{20}$

20

$\frac{8}{20} - \frac{5}{20} = \frac{3}{20}$

Big 1

Big 1

⑫ $5\frac{1}{3} \times \frac{4}{4} = 5\frac{4}{12} + 6\frac{3}{12} = 11\frac{7}{12} = 11\frac{1}{2}$

(13) $0.3 = 0.30 = 30\%$ turn into fraction

(14) 20% of 56 Multiply + Subtract

$$\begin{array}{r} 56 \\ \times .20 \\ \hline 11.20 \end{array}$$

(15) $35\% = .35$ fraction

Myles's Test Tips

$\frac{1}{2} = .5$
$\frac{1}{4} = .25$
$\frac{1}{8} = .125$

TAKE YOUR TIME!!

DMSCB
inuhr
vlbei
ittcn
dirkg
epaD
lco
ytw
n

example
.5 = .50 = 50%

Bubble in your booklet
AND
answer sheet

Check Answers

READ DIRECTIONS!!

Get The Answer →

① 105
3 | 315
31↓
01
0↓
15
15
0

② 35
4 | 140
12↓
20
20
0

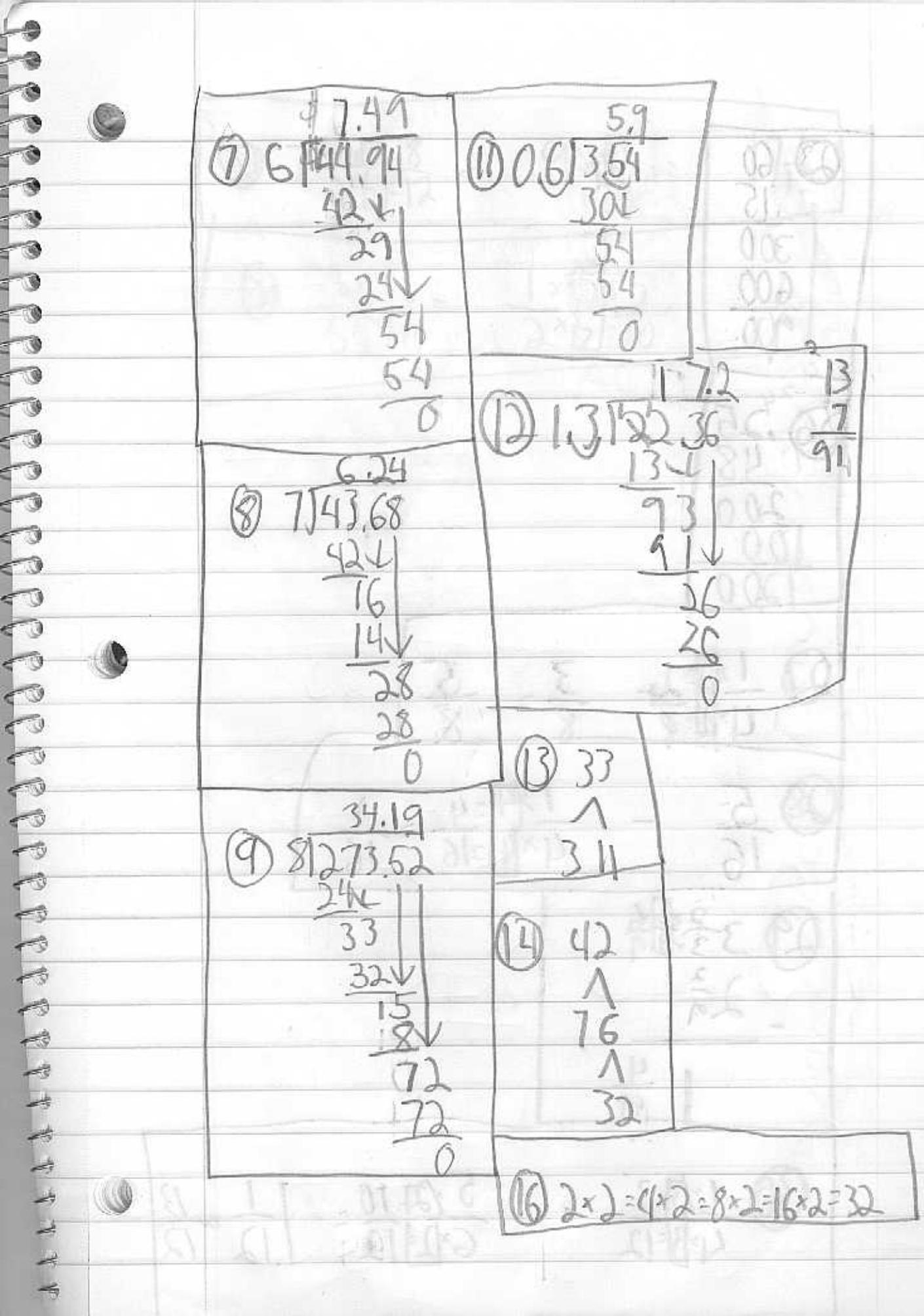
③ 45,862 r3
7 | 321,037
28↓
41
35↓
60
56↓
43
42↓
17
14
3

④ 649 r16
43 | 27,923
258↓
172
172↓
387
16

'43 '43 '43 '43
9 6 5 4
387 258 215 172

⑤ 8416 r4
8 | 67,204
64↓
32
32↓
00
0↓
04

⑥ 2212 r2
28 | 61,948
56↓
59
56↓
34
28↓
68
56
12


7) 6 | 44.94
7.49
42
29
24
54
54
0
11) 0.6 | 3.54
5.9
30
54
54
0
8) 7 | 43.68
6.24
42
16
14
28
28
0
12) 1.3 | 22.36
17.2
13
93
91
26
26
0
13
7
91
9) 8 | 273.52
34.19
24
33
32
15
8
72
72
0
13) 33
11
14) 42
76
32
16) 2×2=4×2=8×2=16×2=32

(23) 60
.15
300
600
900

(26) .25
48
200
100
1200

(27) $\frac{1}{4} \times \frac{2}{2} = \frac{2}{8} + \frac{3}{8} = \frac{5}{8}$

(28) $\frac{5}{16} - \frac{1}{4} \times \frac{4}{4} = \frac{4}{16} = \frac{1}{16}$

(29) $3\frac{2}{3} \times \frac{3}{3} = \frac{6}{9}$

$-2\frac{2}{9}$

$\frac{4}{9}$

(30) $\frac{1}{4} \times \frac{3}{3} = \frac{3}{12} + \frac{5}{6} \times \frac{2}{2} = \frac{10}{12} = 1\frac{1}{12}$ or $\frac{13}{12}$

(3) $7\frac{2\times4}{3\times4}=8\frac{}{12}$ + $9\frac{5}{12}$ = $17\frac{1}{12}$

(5) $\frac{3\times2}{5\times2}=\frac{6}{10}$ - $\frac{1\times5}{2\times5}=\frac{5}{10}$

1 A
2 D
3 C
4 A
5 D
6 B
7 C
8 B
9 C
10 D
11 A
12 C
13 C
14 D
15 A
16 B
17 B
18 B
19 D
20 D
21 B
22 D
23 C
24 A
25 B
26 B
27 C
28 A
29 D
30 B
31 B
32 A

$$
\begin{array}{r}
2212 \text{ r } 12 \\
28\overline{)}\,6194\,8 \\
56\downarrow \\
\hline
59 \\
56\downarrow \\
\hline
34 \\
28\downarrow \\
\hline
68 \\
56 \\
\hline
12
\end{array}
$$

$$
\begin{array}{r}
34.19 \\
8\overline{)}\,273.52 \\
24\downarrow \\
\hline
33 \\
32\downarrow \\
\hline
15 \\
8\downarrow \\
\hline
72 \\
72 \\
\hline
0
\end{array}
$$

32
16 ②
8 ②
4 ②
2 ②

$17\frac{1}{12}$

$7\frac{2}{3}+9\frac{5}{12}$

$3\times4=12$

$7\frac{2}{3}=\frac{8}{12}+9\frac{5}{12}$

$7\frac{2}{3}+9\frac{5}{12}$

25 $2\times2=4\times2=8\times2=16\times2=32$

① $\frac{30}{35} = \frac{6}{7}$

② $\frac{40}{64} = \frac{5}{8}$

③ $\frac{15}{40} = \frac{3}{8}$

④ $\frac{21}{49} = \frac{3}{7}$

⑤ $\frac{15}{25} = \frac{3}{5}$

① $\frac{2}{5} = \frac{12}{30}$

② $\frac{3}{8} = \frac{18}{48}$

③ $\frac{7}{12} = \frac{35}{60}$

$$
\begin{array}{r}
2212 \text{ r } 12 \\
28\overline{)61948} \\
56\downarrow \\
\hline
59 \\
56\downarrow \\
\hline
34 \\
28\downarrow \\
\hline
68 \\
56 \\
\hline
12
\end{array}
$$

$$
\begin{array}{r}
34.19 \\
8\overline{)273.52} \\
24\downarrow \\
\hline
33 \\
32\downarrow \\
\hline
15 \\
8\downarrow \\
\hline
72 \\
72 \\
\hline
0
\end{array}
$$

$17\frac{1}{12}$

$7\frac{2}{3}+9\frac{5}{12}$

$7\frac{2\times4}{3\times4}=\frac{8}{12}+9\frac{5}{12}$

25 $2\times2=4\times2=8\times2=16\times2=32$

① $\frac{30}{35} = \frac{6}{7}$

② $\frac{40}{64} = \frac{5}{8}$

③ $\frac{15}{40} = \frac{3}{8}$

④ $\frac{21}{49} = \frac{3}{7}$

⑤ $\frac{15}{25} = \frac{3}{5}$

① $\frac{2}{5} = \frac{12}{30}$

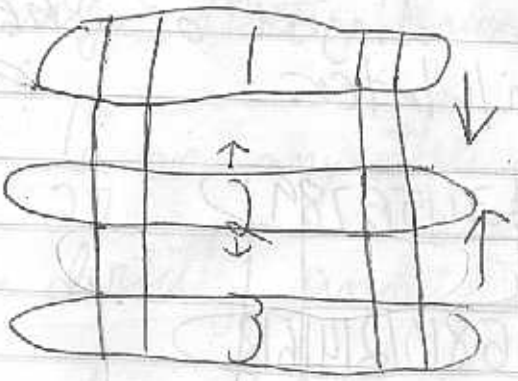
② $\frac{3}{8} = \frac{18}{48}$

③ $\frac{7}{12} = \frac{35}{60}$

it is a multiplication chart that is arranged in a way that makes so you can make $\frac{18}{27}$ or any other number. That went directly under it. each column was cut out and put

here is a diagram of the craft stick calculater.

you would bring 2 craft sticks like in the diagram below



bring 1 and 3 together by pushing 2 back.

In doing this it will give you a fraction and 8 equivalent fractions. This will help you alot for finding equivalent fractions.

Take the diagram - can you write about why it works?

☺

Math: Interview 3/8/05

+ addition = fractions
- long division
• engineer: computer, Amish
• older citizen was afraid of her when she was 5

$\frac{6}{17}\frac{100}{100} = \frac{2}{1700}$

1700

$\frac{17}{100} \times 79 = \frac{17}{100} \quad \frac{13}{79}$

7900

$6 \times 100 = 600$

$17 \times 100 = 1700$

$2 \times 17 = 34$

$100 \times 17 = 1700$

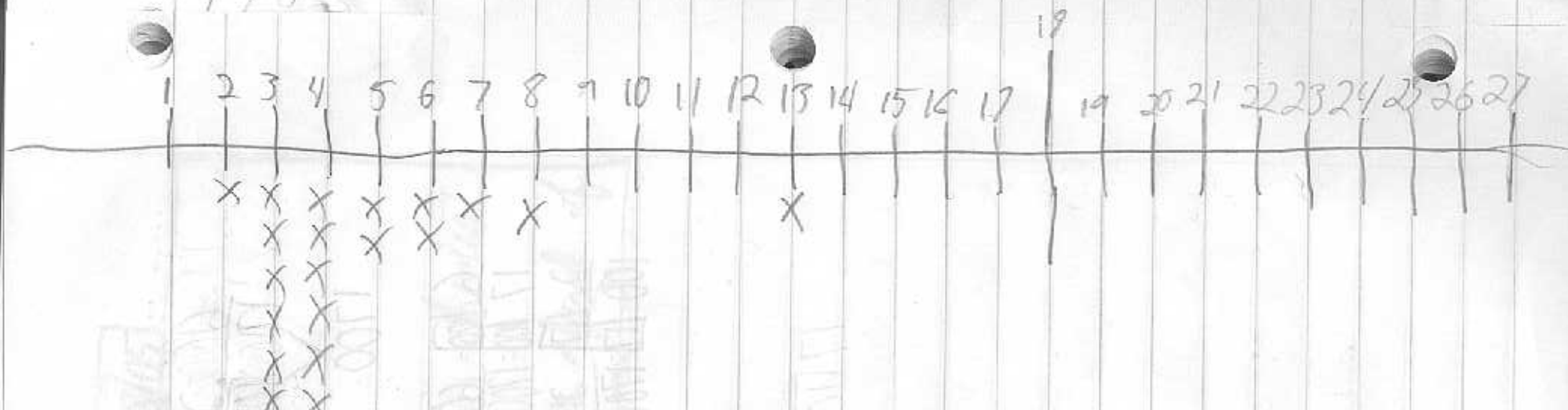
$17 \times 79 = 1343$

$100 \times 79 = 7900$

$13 \times 100 = 1300$

$79 \times 100 = 7900$

$17 \overline{)100}$



cluster = a big bunch of data that is together
outlier = seperate from the rest of the data
range = difference between least and greatest number
cumlitive frequency = running total of data

13-2=11=range

① 96 xing out numbers that don't contain at least 1 digit, less than six

② 72 xing out all numbers with 1 and 0

3/10/05

1) 22

2) 15

3) 29

4) 11

$$
\begin{array}{r}
97.16\overline{0} \\
6\overline{)583.000} \\
54\downarrow \\
\hline
43 \\
42\downarrow \\
\hline
10 \\
6\downarrow \\
\hline
40 \\
36 \\
\hline
4\,10
\end{array}
$$

$$
\begin{array}{r}
3\,90 \\
3\overline{)110} \\
96 \\
\hline
85 \\
113 \\
89 \\
\hline
583
\end{array}
$$

② 18
22
14
54

18
3|54
3↓
24
24
0

(18)

① 17
25
28
32
102

25.1
4|104.0
100↓
40

③ 58
105
172
335

(8)

④ 33
36
35
37
39
180

36
5|180
15↓
30

⑦ 110
75
135
160
280

61.
4|280
24↓
40

⑤ 9
6
5
9
11
40

8
5|40
40
0

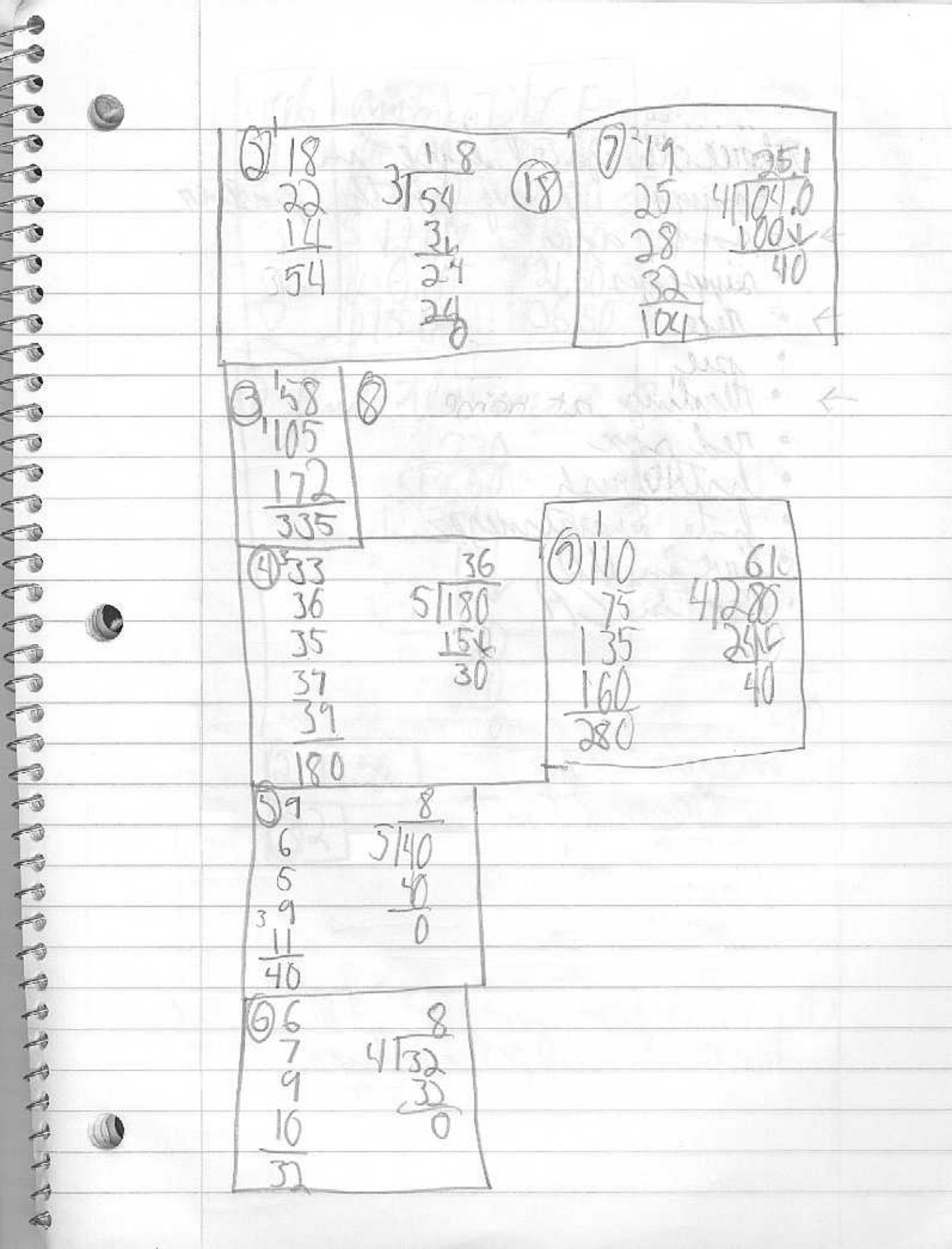
⑥ 6
7
9
10
32

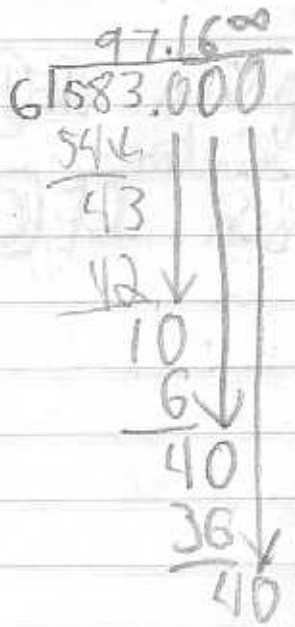
8
4|32
32
0

$$
\begin{array}{r}
97.16\overline{0} \\
6\overline{)583.000} \\
54 \\
\hline
43 \\
42\downarrow \\
\hline
10 \\
6\downarrow \\
\hline
40 \\
36\downarrow \\
\hline
40
\end{array}
$$

$$
\begin{array}{r}
2\,0 \\
3\overline{)1\,1\,0} \\
9\,6 \\
\hline
1\,4 \\
1\,2 \\
\hline
2\,0 \\
1\,8 \\
\hline
2
\end{array}
$$

$$
\begin{array}{r}
1\,1\,3 \\
8\,9 \\
\hline
5\,8\,3
\end{array}
$$


2
18
22
14
54
18
3|54
34
24
24
0
18
7
19
25
28
32
104
25 r1
4|104
100
40
3
58
105
172
335
8
4
33
36
35
37
39
180
36
5|180
150
30
1
7
110
75
135
160
280
61
4|280
240
40
9
6
6
9
11
40
8
5|40
40
0
6
6
7
9
10
32
8
4|32
32
0



2 90
3 110
96
85
113
89
583

(2) 18
22
14
54

18
3|54 (18)
3
24
24
0

(7) 19
25
28
32
104

25
4|104.0
100
40

(3) 58
105
172
335

(8)

(4) 33
36
35
37
39
180

36
5|180
15
30

(7) 110
75
135
160
280

61
4|280
24
40

(5) 7
6
6
9
11
40

8
5|40
40
0

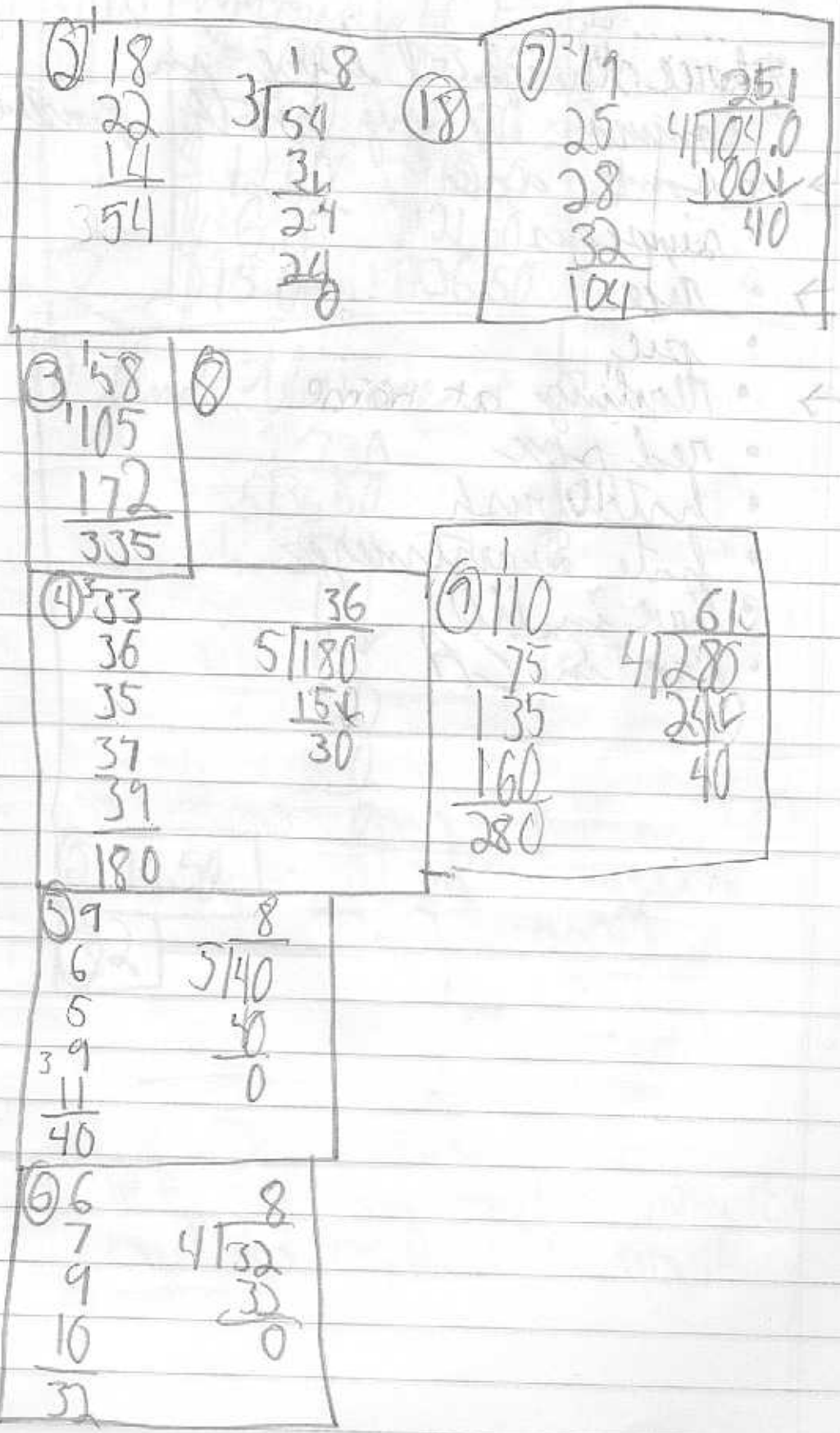
(6) 6
7
9
10
32

8
4|32
32
0

$$
\begin{array}{r|l}
6 & 583.000\ldots \\
\hline
 & 97.16\overline{6}
\end{array}
$$

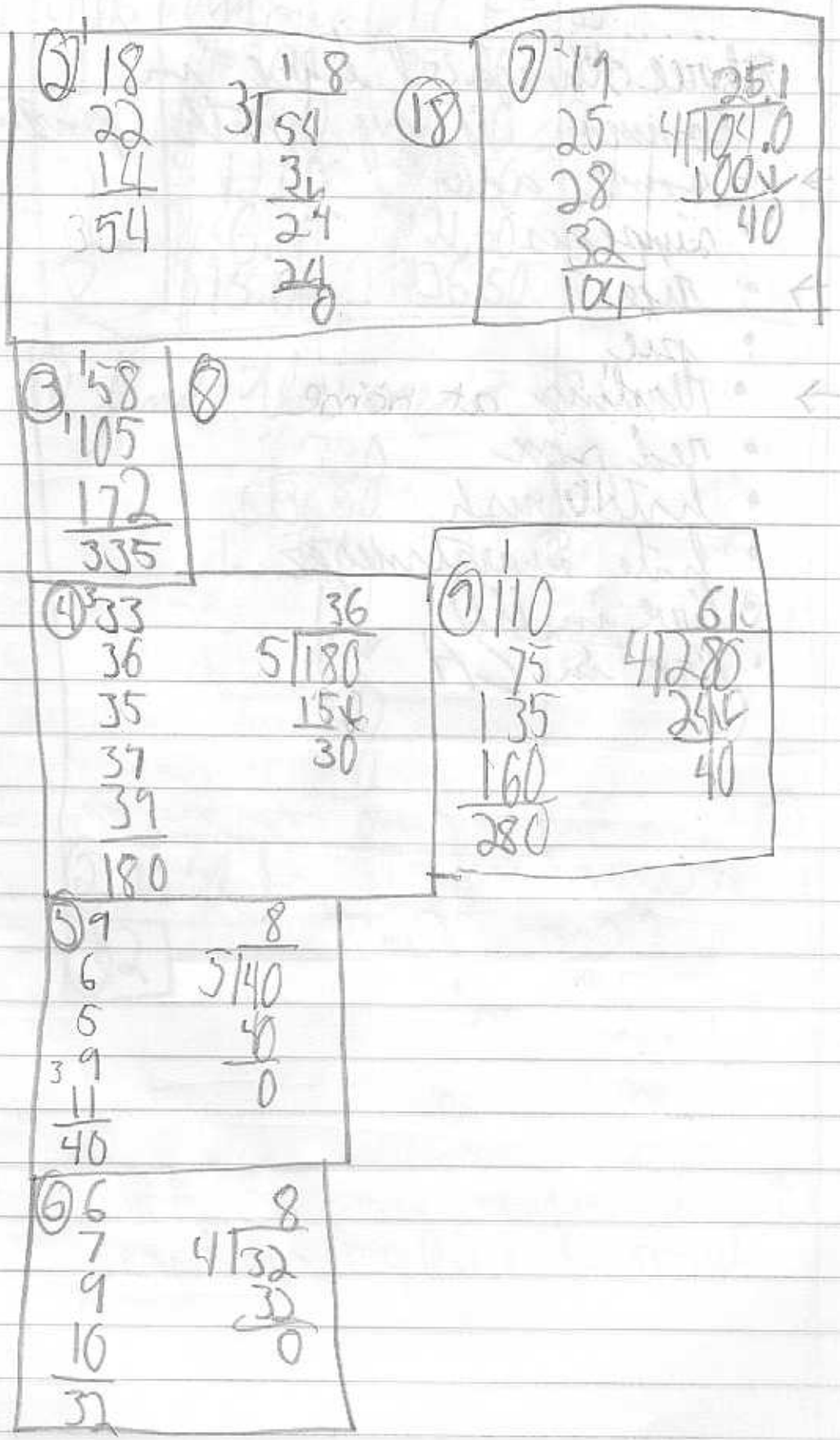
54
43
42
10
6
40
36
40

3
30
3 110
96
85
113
89
583


2 18
22
14
54
3 54
18
18
3 54
24
24
0
7 14
25
28
32
104
4 104.0
180
40
3 58
105
172
335
8
4 33
36
35
37
39
180
36
5 180
150
30
7 110
75
135
160
280
61
4 280
240
40
5 9
6
5
9
11
40
8
5 40
40
0
6 6
7
9
10
32
8
4 32
32
0

$$
\begin{array}{r}
97.16\overline{6} \\
6\overline{)583.000} \\
54 \\
\hline
43 \\
42 \\
\hline
10 \\
6 \\
\hline
40 \\
36 \\
\hline
4
\end{array}
$$

$$
\begin{array}{r}
3\overline{)90} \\
110 \\
96 \\
85 \\
113 \\
89 \\
\hline
583
\end{array}
$$


2
18
22
14
354
18
3|54
34
24
24
0
18
7
19
25
28
32
104
25.1
4|104.0
100
40
3
58
105
172
335
8
4
33
36
35
37
39
180
36
5|180
150
30
1
9
110
75
135
160
280
61
4|280
240
40
5
9
6
6
9
11
40
8
5|40
40
0
6
7
9
16
32
8
4|32
32
0

three things I have in common w/ my math partner

- same age
- simpsons
- rice
- pie
- Reading at home
- red sox
- hate bush
- hate Swarzenegger
- live in UD
- live in CA

week	amount	CF
1	$3.00	$3.00
2	$.50	$3.50
3	$12.00	$15.50
4	$6.00	$21.50
5	$15.00	$36.50

① find the mean

$$5\overline{)36.50}\quad 7.30$$

$$\begin{array}{r} 35 \\ \hline 15 \\ 15 \\ \hline 00 \\ 0 \\ \hline 0 \end{array}$$

② 14.50

③2

three things I have in common w/ my math partner

- name age
- simpsons
- rice
- pie
- reading at home
- red sox
- hate bush
- hate Schwarzenegger
- live in UD
- live in CA

week	amount	CF
1	$3.00	$3.00
2	$.50	$3.50
3	$12.00	$15.50
4	$6.00	$21.50
5	$15.00	$36.50

① find the mean

$$5\overline{)36.50}\quad 7.30$$

35

15

15

00

0

0

② 14.50

③2

three things I have in common w/ my math partner

- same age
- simpsons
- rice
- pie
- reading at home
- red sox
- hate bush
- hate Schwarzenegger
- live in UD
- live in CA

wk	amount	CF
1	$3.00	$3.00
2	$.50	$3.50
3	$12.00	$15.50
4	$6.00	$21.50
5	$15.00	$36.50

① find the mean

$$
\begin{array}{r}
7.30 \\
5\overline{)36.50} \\
35 \\
\hline
15 \\
15 \\
\hline
00 \\
0 \\
\hline
0
\end{array}
$$

② 14.50

32

three things I have in common w/ my math partner

- pride ofc
- simpsons
- rice
- pie
- reading at home
- red sox
- hate bush
- hate Schwarzenegger
- live in UC
- live in CA

wk	amount	CF
1	$3.00	$3.00
2	$.50	$3.50
3	$12.00	$15.50
4	$6.00	$21.50
5	$15.00	$36.50

① find the mean

$$
\begin{array}{r}
7.30 \\
5\overline{)36.50} \\
35 \\
\hline
15 \\
15 \\
\hline
00 \\
0 \\
\hline
0
\end{array}
$$

② 14.50

③ 32

three things I have in common w/ my math partner

- same age
- simpsons
- rice
- pie
- reading at home
- red sox
- hate bush
- hate Schwarzenegger
- live in UC
- live in CA

week	amount	CF
1	$3.00	$3.00
2	$.50	$3.50
3	$12.00	$15.50
4	$6.00	$21.50
5	$15.00	$36.50

① find the mean

7.30
5 | 36.50
35
15
15
00
0
0

② 14.50

③ 32

three things I have in common w/ my math partner

- same age
- simpsons
- rice
- pie
- reading at home
- red sox
- hate bush
- hate Schwarzenegger
- live in UD
- live in CA

week	amount	CF
1	$3.00	$3.00
2	$.50	$3.50
3	$12.00	$15.50
4	$6.00	$21.50
5	$15.00	$36.50

① find the mean

$$
\begin{array}{r}
7.30 \\
5\overline{)36.50} \\
35 \\
\hline
15 \\
15 \\
\hline
00 \\
0 \\
\hline
0
\end{array}
$$

② 14.50

③ 32

three things I have in common w/ my math partner

- same age
- simpsons
- rice
- pie
- Reading at home
- red sox
- hate bush
- hate Schwarzenegger
- live in UC
- live in CA

Day	9:00 am	11:00 am	1:00 pm	3:00 pm
Mon	31	33	37	31
Tue	35	22	21	24
Wed	42	44	17	47
Thur	35	38	40	43
Fri	27	28	30	30

① mean for 9:00: 35°

31
35
42
27
125

32 × 5 = 160

160 − 125 = 35

② find the mean temperature recorded on Thursday.

Mean = 30.25°

38
40
43
121

4 | 121.0

10
20
20
0

③ mean on tues was 23°. Fill in the temp at 1:00 pm on tues.

(4) mean on Wed was 45°. fill in the temp at 1:00 pm on Wed.

(5) mean temp at 1:00 pm was 35°. fill in temp at 1:00 on Fri.

⑥ mean at 3:00pm mean: _____

⑦ if the actual temp at 3:00pm was 41°, what would be the the new mean for 3:00pm. how much th would the mean change?

Math Warm-up 3/16/05

Day	Amount	CF
1	6.50	6.50
2	7.00	13.50
3	.50	14.00
4	13.50	27.50
5	10.00	37.50

① 6.50
7.00
.50
13.50
+10.00
37.50

7.50
5 | 37.50
35
25
25
0
0

③ .50, 6.50, 7.00, 10.00, 13.50

④ .50, 6.50, 7.00, 10.00, 13.50 = no mode

What game? have you played the prototype of the matrix online? it's cool but VERY slow and glitchy

it diamond version for gameboy color

in the Matrix online, you can

Math Warm-up

8/16/05

Step

① $+2 - {}^{-}1 = {}^{+}3$

② $-7 - {}^{+}3 = {}^{-}10$

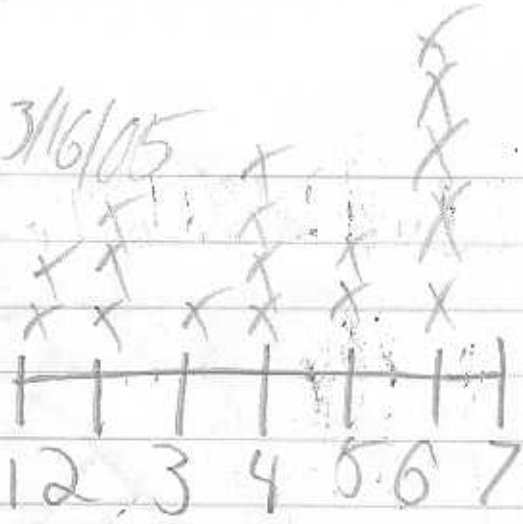
③ $+5 + {}^{-}2 = {}^{+}3$

④ $-4\ -3\ -2\ -1\ 0\ +1\ +2\ +3\ +4$

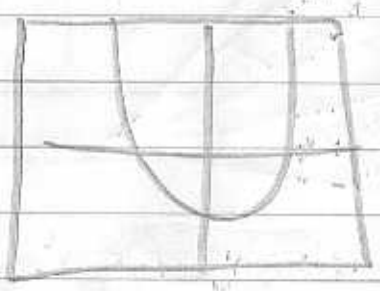
$+3 - {}^{-}2 = {}^{+}5$

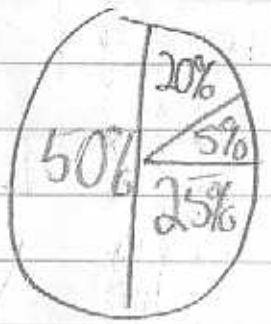
⑤ $+64 - {}^{-}26 = {}^{+}90$

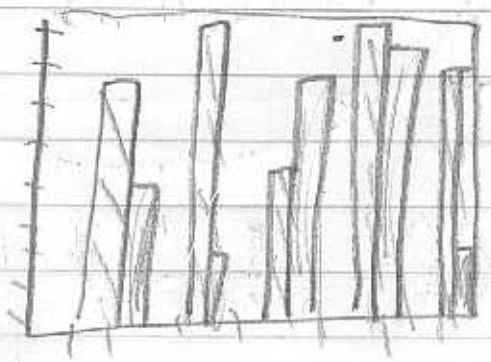
Math: Graphs 3/16/15



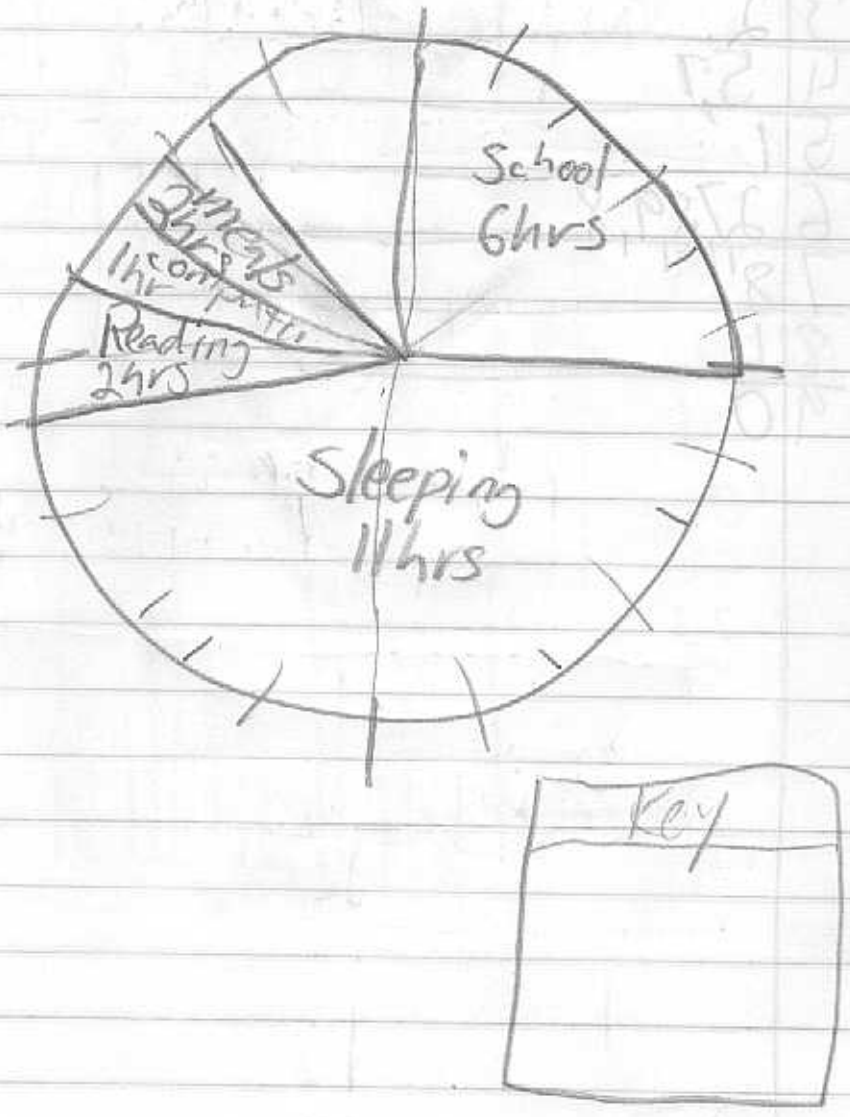
1	11
2	23
3	42
4	91
5	01
6	52
7	73
8	51





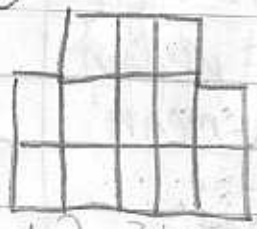


stem	
1	4
2	3, 4, 6
3	2
4	5, 7
5	1
6	2, 7, 8, 9, 8
7	8
8	1
9	0


School
6hrs
Sleeping
11hrs
Reading
2hrs
Key

9/17/05

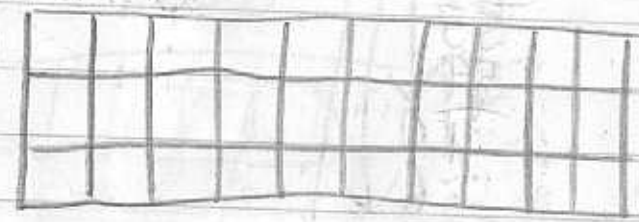
1.



area: 13
Perimiter:

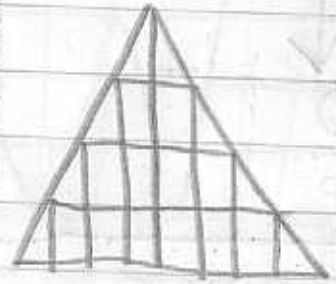
1 2 3 4 5

2.



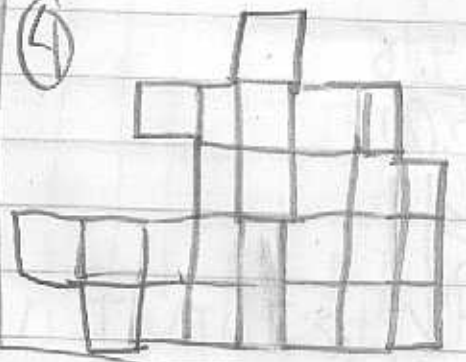
area: 30
Perimiter: 26

3.

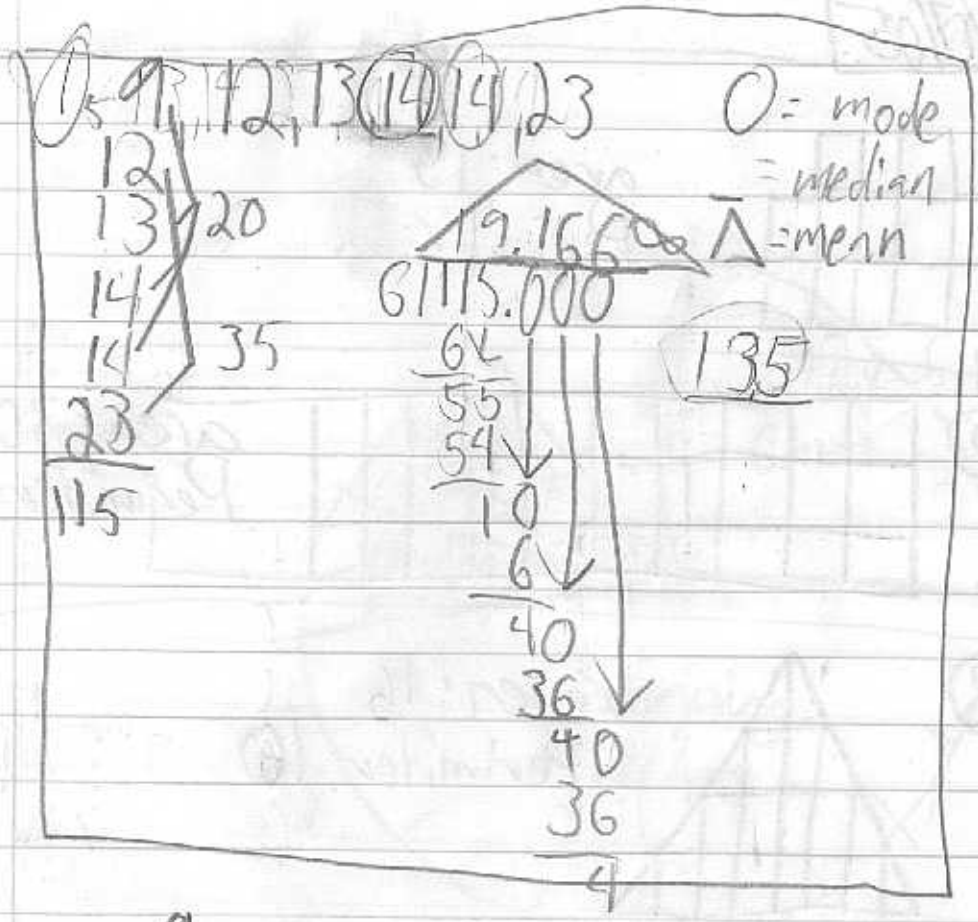


area: 16
Perimiter: 16

4.



Area: 24
Perimiter: 22



9
12 11
13 7
14 7
14 7
23
85

14.16
6|85.00
25
24
10
6
40

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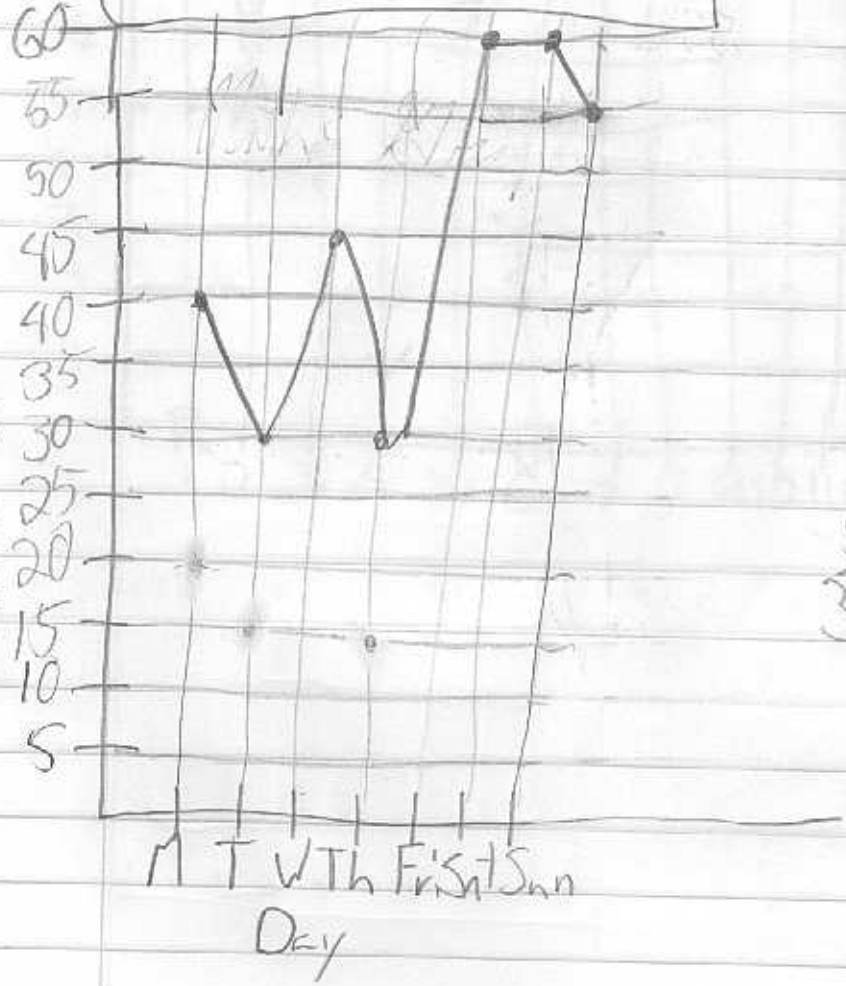
3, 1, 5, 1, 1, 6, 4

$7 \overline{)21}$ R 3

48.5714



140
30
95
30
60
60
55
320

$7 \overline{)340.000000}$ = 48.5714

28↓
60
56↓
40
35↓
50
49
10
7
30
28
20

Interval: difference between 1st and the next

Scale: a series of #'s starting at 0 placed at fixed distances on a graph

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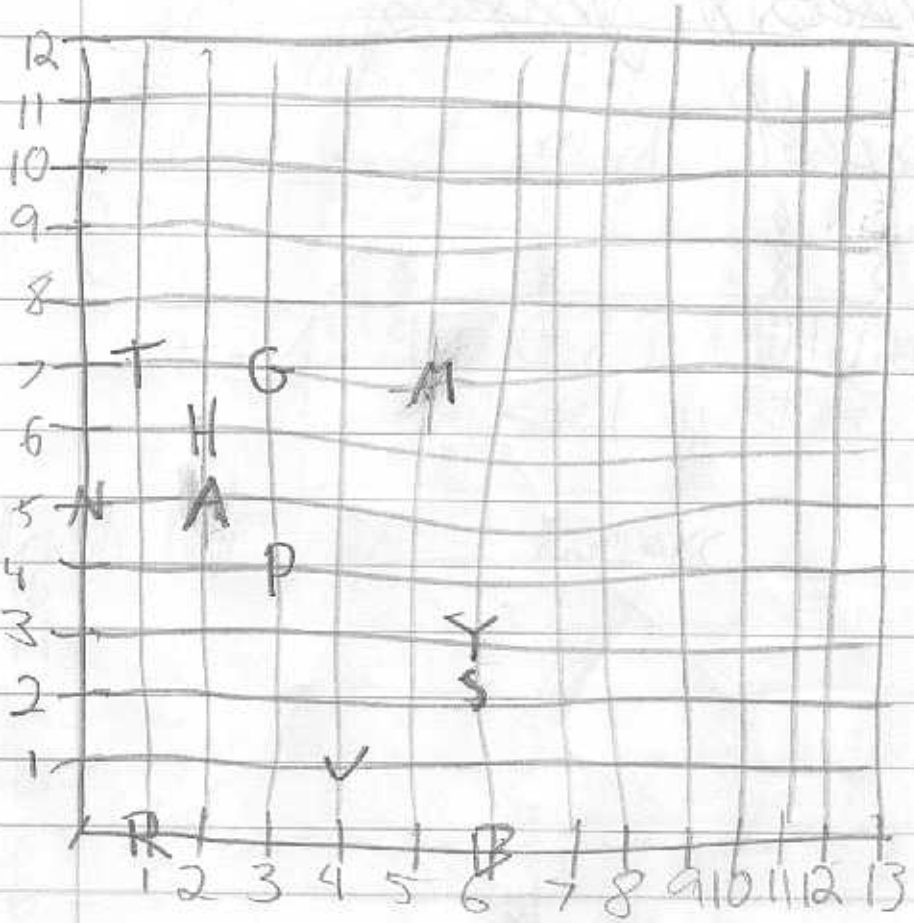
(1) 5's

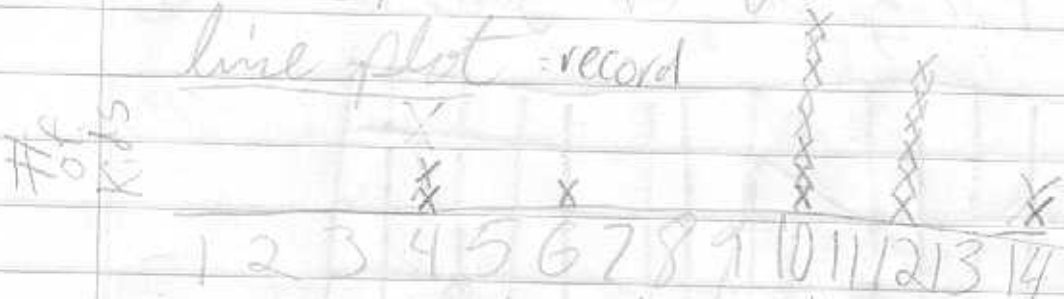

12
11
10
9
8
7
6
5
4
3
2
1
T
G
M
H
A
P
Y
S
V
R
B
1 2 3 4 5 6 7 8 9 10 11 12 13

Types of graphs

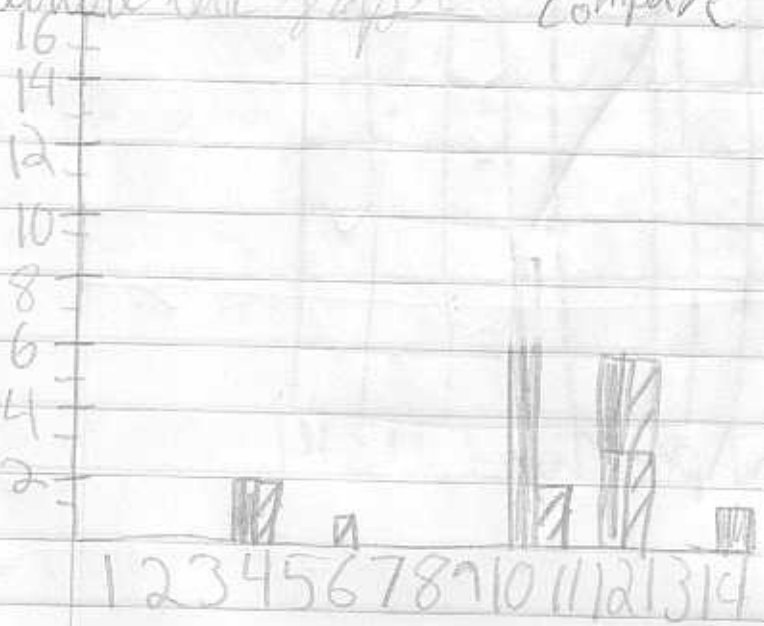
Line plot

Types of graphs / plots

line plot = record

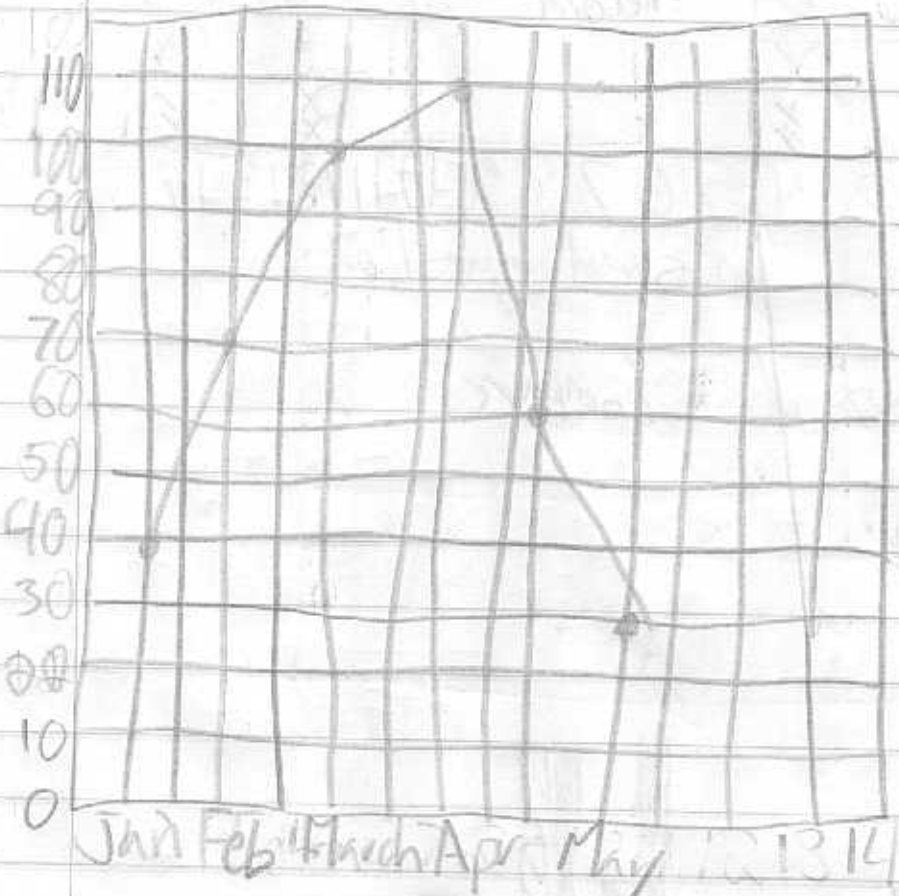


double bar graph = compare



= girl
= boys

Line graph : change over time



Negative Integers

1 Below 0 ?
2 opposite of Positive Integers
3 whole #
4 minus sign
5 Higher the digits, lower ?
6 Digits
7 Below 0 = freezing ?
8 Below sea level = not in water !
9 + Negative to Positive and/or subtracting ?
10 NOT Positive
11 + Bigger # to negative #
in get

Math 4/4/05

① $+5 + {}^{-}2 = 3$

② $+3 + {}^{-}4 = {}^{-}1$

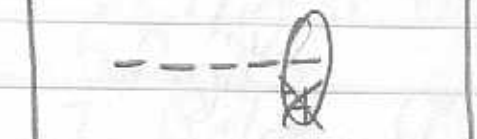
③ $+4 + {}^{-}4 = 0$

④ $+5 + {}^{-}10 = {}^{-}5$

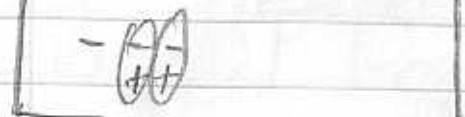
⑤ $-3 + {}^{-}4 = {}^{-}7$

① $+4 - {}^{+}1 = {}^{+}3$

② $-4 - {}^{+}1 = {}^{-}5$



③ $-3 = {}^{+}2 = {}^{-}1$



④ $+4 = {}^{+}6 = {}^{-}2$