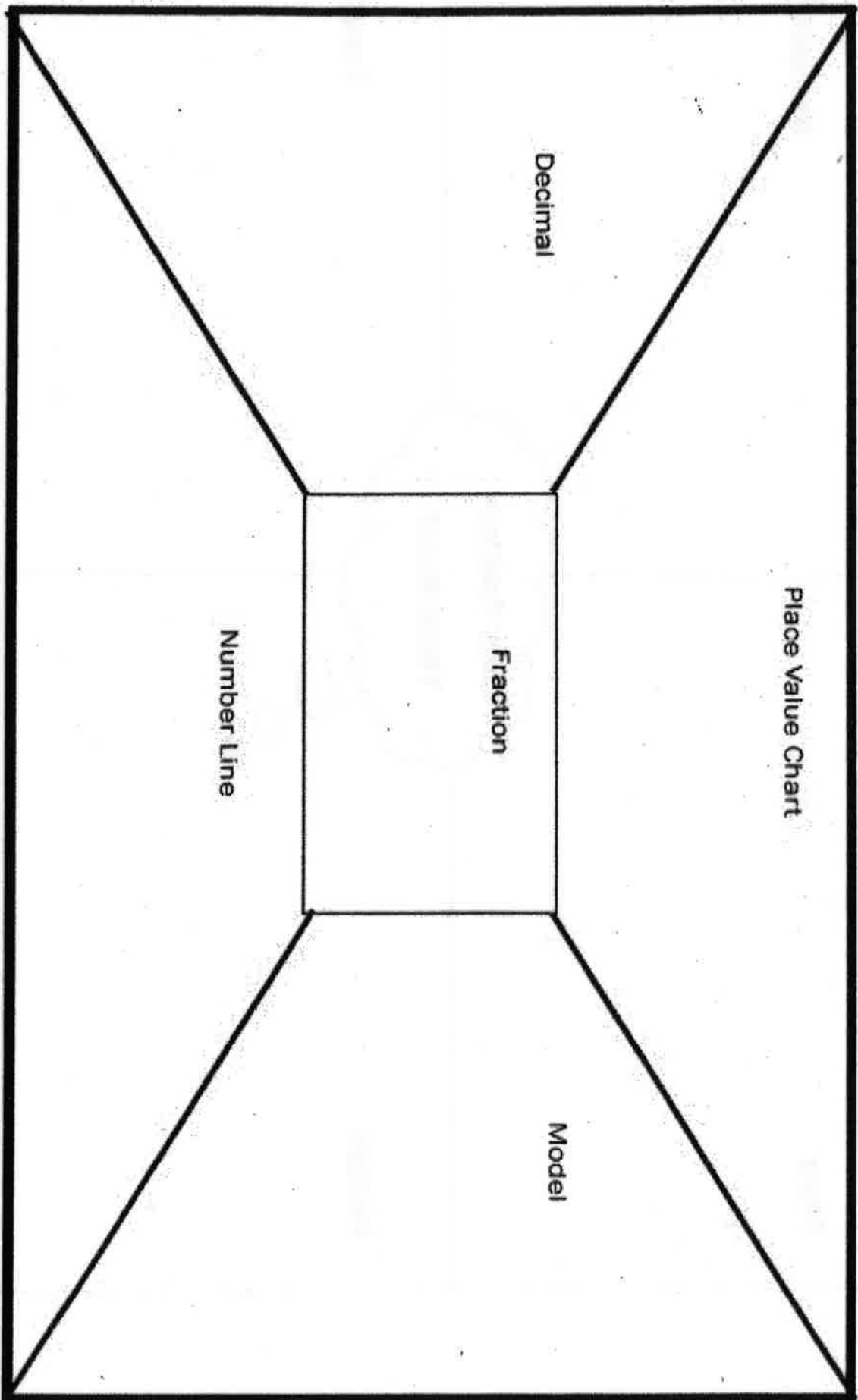


Names: \_\_\_\_\_

Our Think Board

Date: \_\_\_\_\_



Names: \_\_\_\_\_

Our Think Board

Date: \_\_\_\_\_

<b>Story</b>	<b>Manipulatives</b>
<b>Picture</b>	<b>Equation</b>

**Story Problem**  
**Think Board**

more add plus  
 Increase by and  $+$  count on  
 sum

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

minus decrease by subtract  
 less  take away  
 count back difference between

less than  $<$

more than  $>$

equals  $=$

X	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

times product lots of  
 groups of multiply multiplied by  
 $\times$

divide group equally share  
 how many each? goes into  
 $\div$

# FRACTIONS, DECIMALS & PERCENTS



**Measurement conversions**

**Time**

1 day = 24 hours  
 1 hour = 60 minutes  
 1 minute = 60 seconds

**Measurement conversions**

**Length**

1 kilometre = 1000 metres  
 1 metre = 100 centimetres  
 1 centimetre = 10 millimetres

**km**  
**m**  
**cm**  
**mm**

**Measurement conversions**

**Weight**

1 tonne = 1000 kilograms  
 1 kilogram = 1000 grams  
 1 gram = 1000 milligrams

**t**  
**kg**  
**g**  
**mg**

**Measurement conversions**

**Capacity**

1 litre = 1000 millilitres  
 1 centilitre = 10 millilitres

**l**  
**cl**  
**ml**

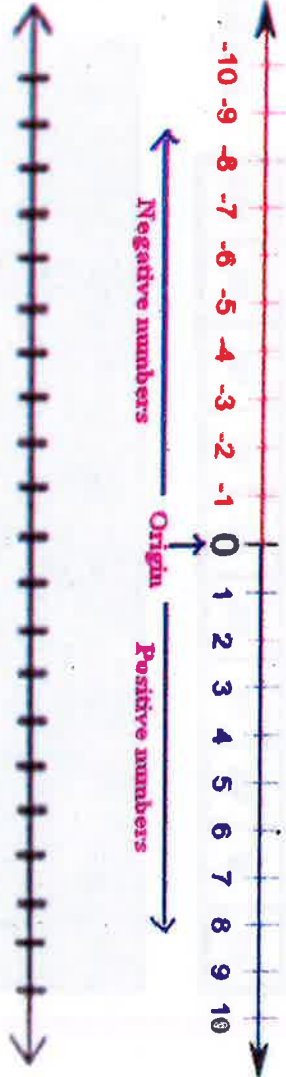
**Measurement conversions**

**Currency**

1 pound = 100 pence

**£**  
**p**

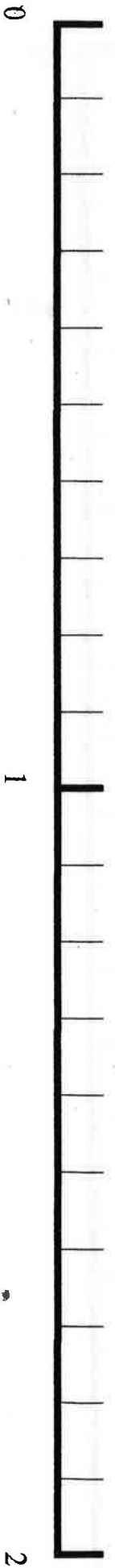
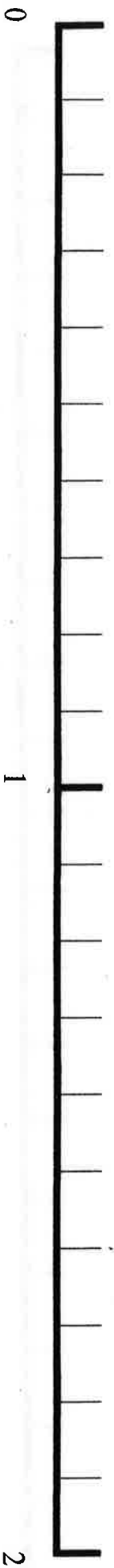
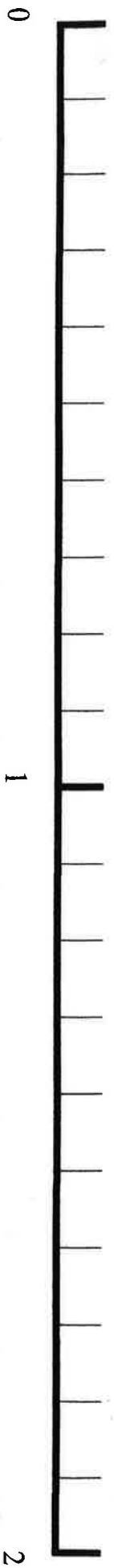
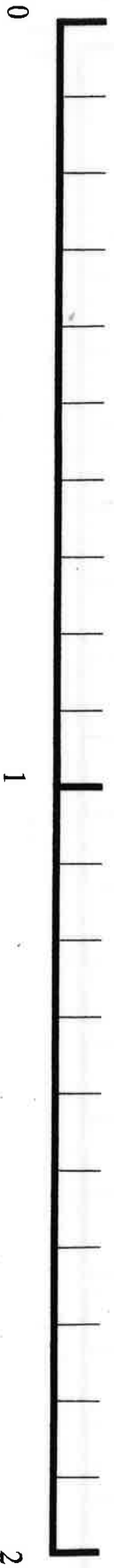
1.00	1 whole		100%
0.5	1/2	50%	0.5
0.33	1/3	33.3%	1/3
0.25	1/4	25%	0.25
0.20	1/5	20%	0.20
0.10	1/10	10%	0.10
0.01	1/100	1%	0.01



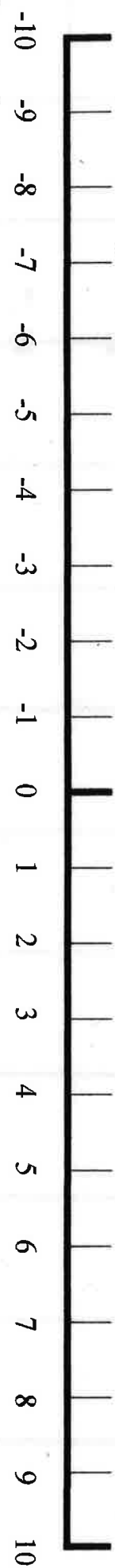
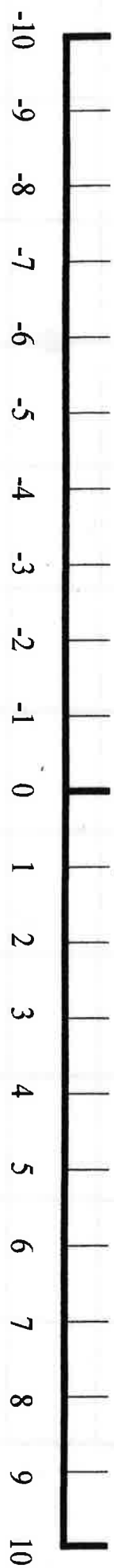
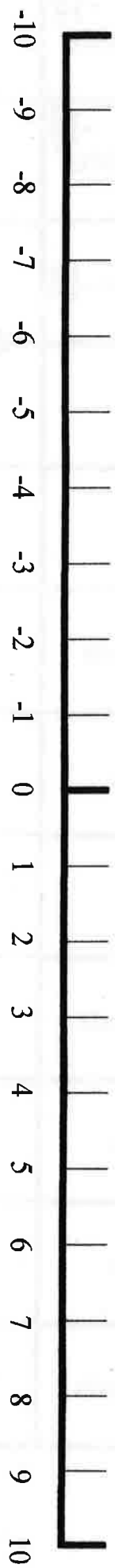
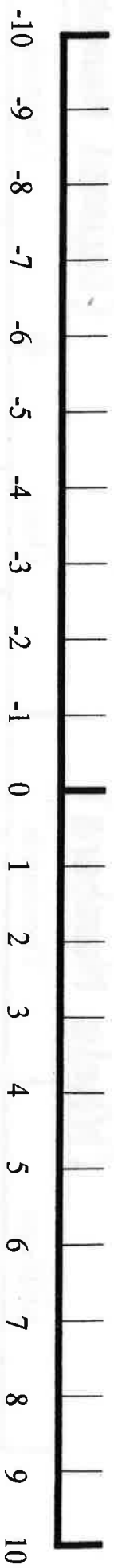
# Variety Fraction/Decimal Lines 100ths/0.01



# Fraction/Decimal Lines 10ths/0.1



# Number Lines Negative Numbers







# Multiplying and Dividing by 10, 100 and 1000

10 000	1000	100	10	1	●	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
					●			

## Multiplying

- X 10      digits move LEFT **1** space
- X 100    digits move LEFT **2** spaces
- X 1000   digits move LEFT **3** spaces



## Dividing

- ÷ 10      digits move RIGHT **1** space
- ÷ 100    digits move RIGHT **2** spaces
- ÷ 1000   digits move RIGHT **3** spaces



# 1 - 100 Grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
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71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
