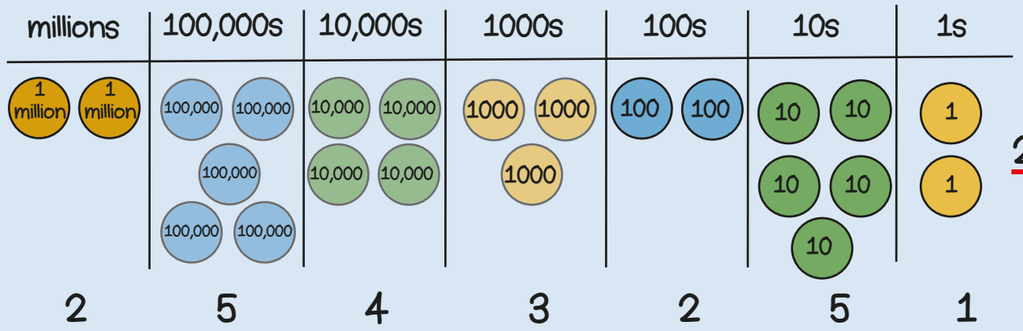


two million, five hundred and forty-three thousand, two hundred and fifty-two

2 millions, 5 hundred thousands, 4 ten thousands, 3 thousands, 2 hundreds, 5 tens and 2 ones

In order from smallest to largest

2,043,241 2,764,406 2,870,540

Stop and look. What do you notice?

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

A prime number has exactly 2 factors:
2, 3, 5, 7, 11, 13, 17, 19...

1 and 3 are common factors of 15 and 21

15 is a common multiple of 3 and 5

prime
common
factor
multiple
multiplier
divisor

If I know...
then I also know...
because...

$0.8 \times 7 = 8 \times 7 \div 10 = 5.6$

$4.2 \times 5 = 4.2 \times 10 \div 2 = 21$

$56{,}000 \div 80 = 700$

M	HTh	TTh	Th	100s	10s	1s	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
					1	3	6		
				1	3	6			
		1	3	6	0	0			
						1	3	6	
						0	1	3	6

Ten times greater

Ten times smaller

Multiplying and dividing by 10, 100 and 1000

13.6 x 10
move digits 1 place left

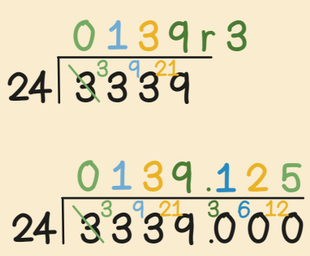
13.6 x 1000
move digits 3 places left

13.6 ÷ 10
move digits 1 place right

13.6 ÷ 100
move digits 2 places right

millions
digit
round
multiple
positive
negative

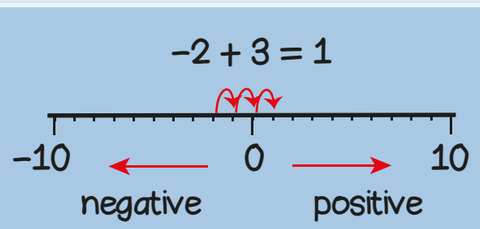
2427
x 38
19416
72810
92226



1	24
2	48
4	96
5	120
8	192
10	240

$3339 \div 24 = 139 \text{ r}3 = 139\frac{3}{24}$

$= 139.13$ (to 2dp)



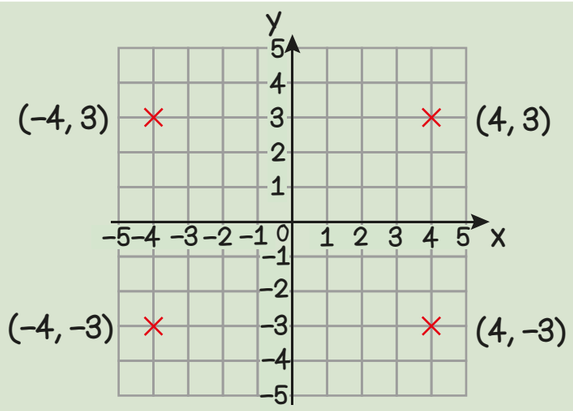
Round to the nearest million

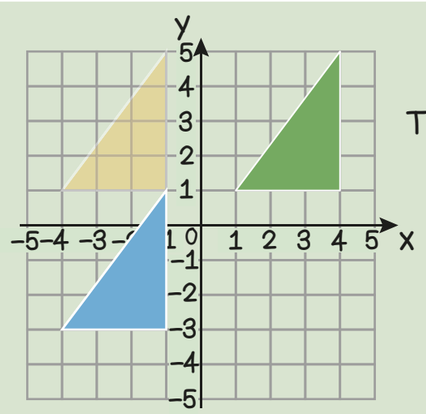
2,643,278 → 3,000,000

2,000,000 3,000,000

5 or more - round up
4 or less - round down

Year 6 Term 1





Translate the triangle
5 squares left and
4 squares down.

object
image
plot
quadrant
origin

Reflect the triangle:
in the x axis
in the y axis