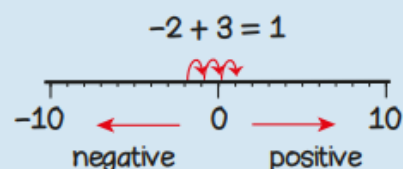


two million, five hundred and forty-three thousand, two hundred and forty-one

2 millions, 5 hundred thousands, 4 ten thousands, 3 thousands, 2 hundreds, 4 tens and 1 one



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

Round to the nearest million.

2,643,278 $\rightarrow$ 3,000,000

Multiplying and dividing by 10, 100 and 1000

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			

136 $\times$ 10
move digits one place left

136 $\times$ 1000
move digits 3 places left

136 $\div$ 10
move digits one place right

136 $\div$ 100
move digits 2 places right

millions digit round multiple positive negative

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...

15 and 21 have the common factors 1 and 3

15 and 21 are common multiples of 3

prime common factor multiplier divisor

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

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

$4.2 \times 5 = 42 \div 2$

$56,000 \div 80 = 700$

2427
 $\times 38$
19416
72810
92226

0139r3
24 $\overline{) 3339}$
0139.125
24 $\overline{) 3339.000}$

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

$3339 \div 24 = 139 \text{ r}3 = 139 \frac{3}{24}$
 $= 139.13 \text{ (to 2dp)}$

Year 6 Term 1



Order of Operations

$6 - 2 + 4 = 8$ Only addition and subtraction - complete the calculation from left to right

$6 \div 2 \times 4 = 12$ Only multiplication and division - complete the calculation from left to right

$6 + 4 \times 2 = 14$ Complete multiplication before addition or subtraction

$(6 + 4) \times 2 = 20$ Complete the calculations in brackets first

$6^2 + 4 \div 2 = 20$ Calculate indices before other operations

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

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			

Ten times greater

Ten times smaller

Converting units by multiplying and dividing by 10, 100 and 1000

136×10
move digits 1 place left
 136×1000
move digits 3 places left

$136 \div 10$
move digits 1 place right
 $136 \div 100$
move digits 2 places right