

Question	System	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Step 8	Step 9	Step 10	Step 11	Solution
How many minutes are in November?	Standard	$60 * 24 * 30$											43200
	Metric	$100 * 10 * 30$											30000
How many hours are between 3:00 AM and 7:00 PM?	Standard	$7 + 12 = 19$	$19 - 3$										16
	Metric	$7.91667 - 1.25$											6.67
How many days are between July 3 and September 19?	Standard	$31 - 3 = 28$	$28 + 31 = 59$	$59 + 19$									78
	Metric	$262 - 184$											78
How many hours are between 5:00 PM on Monday and 9:00 AM on Wednesday?	Standard	$12 - 5 = 7$	$7 + 24 = 31$	$31 + 9$									40
	Metric	$10 - 7.08 = 2.92$	$2.92 + 10 = 12.92$	$12.92 + 3.75$									16.67
If January 14th is a Wednesday, then what day of the week is February 5th?	Standard	$31 - 14 = 17$	$17 + 5 = 22$	$22 / 7 = 3 \frac{1}{7}$	Wednesday + 1								Thursday
	Metric	$36 - 14 = 22$	$22 / 10 = 2.2$	Day 4 + 2									Day 6
How many minutes are between 11:43 AM on January 3 and 1:17 PM on November 19?	Standard	$43 / 60 = .71667$	$(24 - 11.71667) * 60 = 736$	$31 - 3 = 28$	$28 + 29 + 31 + 30 + 31 + 30 + 31 + 31 + 30 + 31 + 19 = 290$	$290 * 24 * 60 + 796 = 418396$	$17 / 60 = .28333$	$(12 + 1 + .28333) * 60 = 796$	$418396 + 796$				419192
	Metric	$(10 - 4.882) * 100 = 511.8$	$323 - 3 = 320$	$320 * 10 * 100 + 511.8 = 320511.8$	$5.54 * 100 = 5.54$	$320511.8 + 554$							321065.8
What time is 1,000,000 seconds after 10:10 PM on January 1?	Standard	$1000000 / 60 / 60 / 24 = 11.57407$	$.57407 * 24 = 13.778$	$.778 * 60 = 36.667$	$.667 * 60 = 40$	$1 + 11 = 12$	$12 + 10 = 22$	$22 + 13 = 1 \frac{11}{24}$	$10 + 36 = 46$	$12 + 1 \frac{11}{24} = 13 \frac{11}{24}$			11:36:40 AM on January 13
	Metric	$1000000 / .864 = 1157407$	$1157407 / 100 / 100 / 10 = 11.57407$	$.923611 + 11.57407$									12.4977
How many seconds are between 5:19:31 PM on September 5, 231 BC in Rome and 3:26:04 AM on August 22, 1746 in Central China?	Standard	$5 + 12 = 17$	$17 * 60 * 60 = 61200$	$61200 + 19 * 60 + 31 = 62371$	$30 - 5 = 25$	$25 + 31 + 30 + 31 + 31 + 28 + 31 + 30 + 31 + 30 + 31 + 22 = 351$	$1746 + 231 = 1977$	$365.2425 * 1977 + 351 = 722435.4225$	$3 * 60 * 60 = 10800$	$10800 + 26 * 60 + 4 = 12364$	$(8 - 1) * 60 * 60 = 25200$	$722435.4225 * 24 * 60 * 60 + 62371 + 12364 + 25200$	62418520439
	Metric	$(10 - 7.21667) * 100 * 100 = 27833.33$	$365 - 248 + 234 = 351$	$1746 + 231 + 1 = 1978$	$1978 * 365 + 351 = 722321$	$1.431 * 100 * 100 = 14310$	$722321 * 10 * 100 * 100 + 27833.33 + 14310$						72232142143