(1)	What is 543514 + 866520 - 646387?
	A) 1467515 B) 763647 C) 1943 D) -179516 E) -43623
(2)	65% of 35 is 30% of A) 1180 B) 6 C) 75 D) 176 E) 1416
(3)	What is 446005 + 77041 - 571773? A) -48727 B) 814662 C) 833499 D) -121471 E) -327727
(4)	If the edge of the cube is 8 units, what is the volume of the cube? A) 729 B) 512 C) 512 D) 1000 E) 216
(5)	What is the sum of the first 61 terms of the sequence 8 + 16 + 24 +? A) 15128 B) 2016 C) 12320 D) 8580 E) 8575
(6)	What is one of the x-intercepts of $0x^2 + 0x + 0$ A) -1/2 B) -6 C) -1 D) -4/3 E) -1/2
(7)	What is 11(base 2) + 11(base 2) in base 2? A) 120 B) 100 C) 144 D) 1-10 E) 100
(8) much die	Long bought a phone that was on sale for 8% off the original price. If the original price of the phone was \$280.00, how do not he save? A) 22.40 B) 323.40 C) 92.40 D) 172.80 E) 126.00
(9) solution	How many centiliters of water must be added to 90 centiliters of a 70% salt solution in order to produce a 20% salt? A) 77 B) 140 C) 225 D) 20 E) 49
(10)	How many minutes are between 8:03AM and 8:14AM? A) 745 B) 35 C) 11 D) 1165 E) 1152
(11)	What is 552944 + 498594 - 968452?

(12) What is 82(base 9) + 73(base 9) in base 9?

A) 052 B) 133 C) 165 D) 102 E) 140

(13) What is one of the x-intercepts of $6x^2 - 30x + 36$

A) 0 B) -1/2 C) -1 D) -3/2 E) 3

(14) What is 2409 + 42575 - 673512?

A) -206714 B) 521240 C) -121199 D) 842759 E) -628528

(15) How many minutes are between 7:09PM and 9:08PM?

A) 99 B) 91 C) 119 D) 431 E) 0

(16) What is one of the x-intercepts of $-3x^2 + 0x + 3$

A) 1 B) -2/3 C) -5/6 D) -5/3 E) 0

(17) What is the sum of the first 72 terms of the sequence 5 + 10 + 15 + ...?

A) 2975 B) 13140 C) 6806 D) 4410 E) 264

(18) How many minutes are between 1:55PM and 10:00PM?

A) 114 B) 719 C) 485 D) 609 E) 537

(19) Which is an equation for the line passing through the point (-5, -5) and having a slope of 1?

A) y = 3x + 5 B) y = 1x + 10 C) y = 1x + 3 D) y = 3x - 8 E) y = 0x - 10

(20) What is 894847 + 192750 - 595920?

A) -20366 B) 851429 C) 491677 D) 612020 E) -707177

Math UIL Answer Key

- 1. B
- 2. C
- 3. A
- 4. B
- 5. A
- 6. D
- 7. B
- 8. A
- 9. C
- 10. C
- 11. D
- 12. C
- 13. E
- 14. E
- 15. C
- 16. A
- 17. B
- 18. C
- 19. B
- 20. C