Solutions

Meta - Addition

9. Only the Middle (**Peace**) -> War and Peace
10. 💻 (**Dr. Jekyll**) -> Dr. Jekyll and Mr. Hyde
11. Park the Car (**Angels**) -> Angels and Demons
12. How Much Do You Really Like Numbers? (**Sense**) -> Sense and Sensibility
13. Connections (**Crime**) -> Crime and Punishment
14. The Scale (**Pride**) -> Pride and Prejudice
15. Lost in Translation (**Juliet**) -> Romeo and Juliet
16. True Colors (**Green**) -> Green Eggs and Ham

2 9 4 8 13 10 2 6

This leaves:
W**A**R AND (2) -> A
AND MR. HY**D**E (9) -> D
AND **D**EMONS (4) -> D
AND SENS**I**BILITY (8) -> I
AND PUNISHMEN**T** (13) -> T
AND PREJUD**I**CE (10) -> I
R**O**MEO AND (2) -> O
EGGS A**N**D HAM (6) -> N

Answer: **Addition**

Lost in Translation - Juliet

Each of the words is shifted either up or right or both on a keyboard. This encodes the names of mathematicians.

9. R4efw564e   shift upright, descartes, t   _ _ _ _ _ _ ☐ _ _
10. {yp;r,u   shift right, ptolemy, p   ☐ _ _ _ _ _ _
11. Mri,smm   shift right, neumann, n   ☐ _ _ _ _ _ _
12. Ywp09e   shift upright, galois, o   _ _ _ ☐ _ _
13. Ts,smiksm   shift right, ramanujan, m   _ _ ☐ _ _ _ _ _ _
14. Riv;of   shift right, euler, r   _ _ _ _ _ ☐
15. _09j6fw54   shift upright, pointcare, p   ☐ _ _ _ _ _ _ _

16. T45kw6   shift upright, fermat, m   _ _ _ ☐ _ _

Tpnomrpn must undergo the same process - shift right, robinson

Robinson's first name was **Julia**.

💻 - Dr. Jekyll

The numerical symbols are 🍩(0), 🐌 (1), 🍒 (2), 🍀 (4), and 🐙 (8), with other integers represented as sets of symbols whose sum equals the integer (e.g. 🐌 🍒 = 1 + 2 = 3). There are also other operator symbols, such as ⛔/✅ (false/true) and ⚖️ (equality). Various sets of inputs and outputs are given as clues to the definitions of each symbol. Additionally, three functions are defined (🐻, 🐼, and 🐸), and these must be evaluated to find the answer (**Dr. Jekyll**).

Below is a table of each symbol and its definition:

Symbol	Definition
🐌	1
🍒	2
🍀	4
🐙	8
❤️	+
🍩	0
⚖️	== (equality test)
⛔	false
✅	true
💪	> (greater than)
X ⬅️ Y	assign the value of Y to variable X
🖨️	print
🤔	if
🛑	halt

🏃	goto (i.e. jump to line number)
🐻 n	n^2
✂️	is divisible by
🐼	sum of divisors of n
🐸	n^{th} prime

Letters:
1. 4 (D)
2. 18 (R)
3. 10 (J)
4. 5 (E)
5. 11 (K)
6. 25 (Y)
7. 12 (L)
8. 12 (L)

How Much Do you Really Like Numbers - Sense

The fact the zip code number starts with a 0 is a clue that it should be used – after all, there are *no* valid zip codes that begin with a zero. Zip codes are commonly used to suggest methods for splicing text: in this case, we still have to figure out which text to splice. The bottom left text contains instructions on how to splice text in this case, and so it's unlikely that we would need to splice it (also, you can do so and find that it becomes complete gibberish). And so, we proceed with the title. Taking the first letter (S), skipping 8 as a programmer would do (E), skipping 9 (N), and continuing onward, we find that the desired world is SENSE.

Only in the Middle - Peace

Using the moves M, E, and S, which encode 0, 1, and 2 in base 3, you should create the state depicted on the cube. The move algorithm corresponds to a number from 1 to 26 that is the same as a letter.

1. ESE -> ESE -> 121 -> 9 + 6 + 1 = 16 -> P
2. ES -> 12 -> 3 + 2 -> 5 -> E
3. E -> 1 -> A
4. EM -> 10 -> 3 + 0 -> 3 -> C
5. ES -> 12 -> 3 + 2 -> 5 -> E

True Colors - Green

Each of these pairs of words corresponds to a color that can fit after the first word and before the second word.

Seeing red / red-handed: red (2) = e
Quicksilver / silver spoon: silver (4) = v
Heart of gold / golden ratio golden (5) = e
Charlie Brown / brown-noser (2) = r
Study in scarlet / scarlet letter (7) = t
Pearly white / white lie (2) = h
Feeling blue / blue blood (3) = u
Key lime / lyme disease (3) = m
Pitch black / black hole (1) = b

This corresponds to ever thumb, for which the same procedure is repeated to get

Ever green / green thumb

The answer is **green.**

Tired of Shopping - Angels

Each of these places is located near an intersection (a crossing, if you will). Jackson's itinerary is along Jackson Street whereas Madison's is along Madison Street. The number of the avenue at each of the places corresponds to a letter.

Jackson's itinerary:
Modern Design Sofas - 20th: t
Seattle Fish Guys - 23rd: w
Carpet King Corporation - 5th: e
The Seattle Herbs and Grocery - 12th: l
Sairen - 6th: f
Modern Design Sofas - 20th: t
Dim Sum Square - 8th: h

Madison's itinerary:
Laughing Buddha Seattle - 12th: l
Storyville Coffee - 1st: a
Grain House - 11th: k
Capelli's Barbershop - 5th: e
joybento - 3rd: c
Vito's - 9th: i
El Gallito - 20th: t
Parkview - 25th: y

This yields **twelfth** and **lake city**. Twelfth Avenue and Lake City Way is another intersection in Seattle, near which is **Angel's** Tire Shop.

The Scale - Pride

Each of these newspaper entries corresponds to a scale that yields a number with an unnecessary number of 0s associated.

Pure Capsaicin - Scoville scale 16,000,000 - P
617.4 m/s - Mach scale 1.8 - R
Sendai, Japan, 3/11/11 - Richter scale 9.0 - I
Devastating tornado damage - Enhanced Fujita scale 4 - D
Black Coffee - pH scale 5.0 - E

Hints in puzzle:
- Ernst M. (Ernst Mach)
- Ted (Ted Fujita)
- Black Coffee's acidity

Connections - Crime

For each of the connections games, the following sets can be made:
1. Palindromes (radar, noon, dad, racecar), Ice __ (breaker, cream, cube, cap), tennis terms (ace, love, fault, set), and types of beverages (pop, soda, drink, tonic), leaving *true*
2. Nicknames for a loved one (dear, honey, darling, baby), Grand __ (slam, theft, canyon, piano), Words that have numbers in them (ne two rk, m one y, ca nine, w eight), microsoft ribbon tabs (file, home, help, history), leaving *organized*
3. Ways to end an email (best, regards, cheers, thanks), movies with balloons (it, up, casanova, zarafa), phone options (transfer, dial, hold, call), __ dom (fan, star, king, ran), leaving *hate*
4. __ Berry (blue, brown, straw, goose), famous sci-fi movies (matrix, gravity, inception, alien), first syllable of colleges (corn, dart, prince, brown), penguins (emperor, royal, macaroni, little), leaving *cyber*

This leaves the following words:

True
Organized
Hate
Cyber

All precede the word crime, so the answer is Crime.