1 Film [2]

$$\lceil \ \rceil$$
$$e$$
$$\lfloor \ \rfloor$$

2 Film [2]

$$-\log_{10}(\text{InnateBehaviour}) > 7$$

3 Song [3]

$$\heartsuit = \partial^\mu \partial_\mu$$

4 Film [1]

$$\lim_{x \to a} f(x) = \text{error}$$

5 Film/Book [3]

$$p(x) = |\psi(x)|^2$$

6 Song [2]

$$\vec{E} = \vec{E}_0 e^{-t/\tau}$$

7 Film [1]

$$0\text{b}111$$

8 Show [4]

$$\frac{\tan x}{\sin x} + c_T$$

9 Game [2]

$$\tau \ln 2$$

10 Game [2]

$$\dot{A}_2$$

11 Song [4]

$$2\text{U} \not\equiv \text{everything else}$$

12 Book/Film [2]

$$\sum_{i=1}^{N} P((\text{VeryGood})_i)(\text{VeryGood})_i$$

13 Film [2]

$$\text{Si}(x)\cos(x)+\text{Si}(x)\cos(x)+\text{Si}(x)\cos(x)+\text{Si}(x)\cos(x)+\text{Si}(x)\cos(x)+\text{Si}(x)\cos(x)+\text{Si}(x)\cos(x)$$

14 Album [2]

$$y = mx + c, y = mx + d, y = mx + e$$

15 Show [3]

```
$ ls *.x
```

16 Film [4]

$$)2 = t(\rightarrow)1 = t($$

17 Album/Song [2]

$$H_2O$$

18 Album (also an unrelated Song works) [3] [4]

$$\sup\{\heartsuit\}$$

19 Book/Film [6]

$$\phi(t) = \frac{2\pi t}{80}$$

20 Book/Film [2]

$$233\,^{\circ}\mathrm{C} = 506\,\mathrm{K} =$$

21 Film [3]

$$ma = mg - \underbrace{F_1}_{\text{this}} - F_2$$

$$F_1 = \gamma_1 v$$

$$F_2 = \gamma_2 v^2$$

22 Book [2]

$$\vec{g},\ (\vec{E}, \vec{B}),\ \underbrace{(\maltese, \mathrm{Cu})}_{\text{this}}$$

23 Song [2]

$$F/A$$

$$\downarrow$$

you are here

24 Film [3]

$$\mathrm{La_3Nd}$$

25 Film [1]

$$\frac{GMm}{r^2}$$

26 Song [2]

$$P(\female_1 \cap \female_2) = P(\female_1)P(\female_2)$$

27 Song [4]

$$KE_{\text{Stone}} = \tfrac{1}{2}mv^2 + \tfrac{1}{2}I\omega^2$$

28 Book/Film [2]

$E:$ the person is excused

$I:$ the person is insane

$R:$ the person requested an evaluation

1. $E \implies (I \wedge R)$ (premise 1)

2. $I \implies \neg R$ (premise 2)

3. From 2, $\neg I \vee \neg R$

4. From 3, $\neg(I \wedge R)$

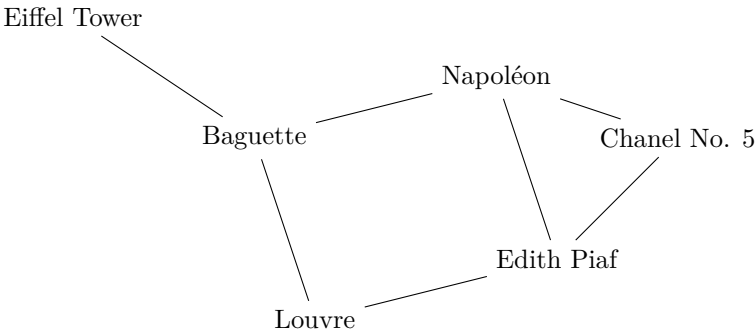5. From 1 and 4, $\neg E$

29 Film [4]

$$e^{i\pi} + 1 = 0 \text{ and } 666$$

30 Film [1]

$$f(f(f(x)))$$

31 Book/Film [3]

$$\int_a^b \vec{F}_{\circledcirc} \cdot \mathrm{d}\vec{r},$$
$$b - a = o$$

Eiffel Tower

Baguette

Napoléon

Chanel No. 5

Edith Piaf

Louvre

32 Film/Book [3]

33 Film/Book [2]

$$\neg(\text{PhD})$$

34 Song [3]

$$♀ \in \mathbb{N}$$

35 Album/Song/Film [4]

$$\forall ♀♀$$

36 Film [2]

$$\text{Life}(t + 24\text{hr}) = \text{Life}(t)$$

37 Film [3]

$$\text{Lost} \to \text{Lost} + \Delta x$$

38 Film [5]

$$\text{Target: } \int \sqrt{1 + \left(\frac{\text{dMissing}}{\text{d}x}\right)^2}\, \text{d}x$$

39 Film/Game [1]

$$\frac{a}{b}\sqrt{-1} = \frac{a+b}{a}\sqrt{-1}$$

40 Film [1]

$$\frac{\partial u}{\partial t} = \alpha \nabla^2 u$$

41 Film [3]

$$\begin{pmatrix} \cos\theta & -\sin\theta \\ \sin\theta & \cos\theta \end{pmatrix}$$

42 Film [1]

$$\tan \hat{\male}$$

43 Film [4]

$$\text{Python: } (-3, 4)$$
$$\text{Anaconda: } (1, -3)$$
$$\text{Cobra: } (4, 5)$$
$$\text{Viper: } (-1, -2)$$

44 Film/Book [2]

$$\sin(\text{London})$$

45 Game [2]

$$(r, 7), (o, 11), (i, 13), (e, 3), (t, 5), (m, 2), (d, 17)$$

46 Song [2]

If A is 1, B is 10, C is 11, etc
what is 1100 1111 10110 101?

47 Song [1]

$$\frac{\text{d}W}{\text{d}t}$$

48 Song [4]

$$(u \in \phi) \vee (u \notin \phi)$$

49 Song [1]

$$f : X \to Y, \ g : X \to Y, \ h : X \to Y$$

50 Song [3]

$$\sum_i^{\heartsuit} \female_i$$

51 Show [1]

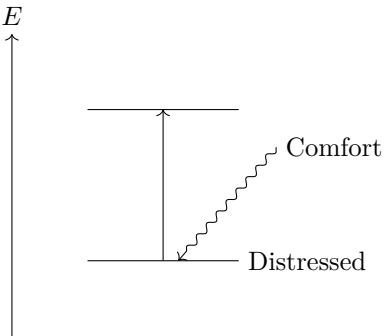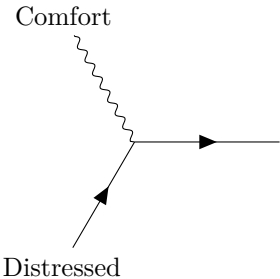$$30, 29, 28, 27, \ldots$$

52 Book/Film [1]

$$\$^2 + €^2 + £^2 \le R^2$$

53 Film [2]

$$\text{False(hood)} \implies \text{False(hood)}$$

54 Game [2]

$$(\text{D}_2\text{O})_{\approx 0.003\,\text{mol}}$$

55 Film [3]

Comfort

Distressed

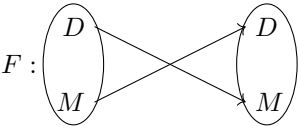E

Comfort

Distressed

56 Film [2]

x
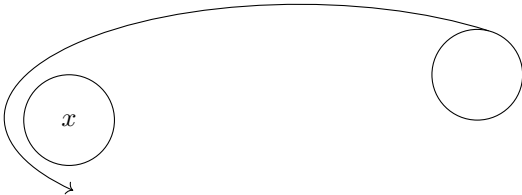
57 Book [2]

$$\text{Equus} \le \text{Canis} \le \text{Suidae}$$

58 Song [3]

$$> \text{word} + \text{word} + \text{word}$$

59 Film [2]

$$F : \quad \begin{matrix} D \\ M \end{matrix} \quad \times \quad \begin{matrix} D \\ M \end{matrix}$$

60 Film [3]

$$r_{\male} < \frac{2GM}{c^2}$$

61 Show [2]

$$\text{Ba} \overset{\frown}{\quad} \,^2\text{H} \longrightarrow \text{Ba}^- \quad \,^2\text{H}^+$$
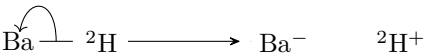
62 Film [1]

Average bond energy$(\text{kJ}\,\text{mol}^{-1})$

$$\infty$$

63) Song [4]

$$\text{H}_2\text{O} \ \text{O}_2 \ \circlearrowleft \ \text{N}_2 \ \circlearrowleft \ \text{CO}_2 \ \text{Ar}$$

64) Song [5]

What

65) Song [2]

Atom
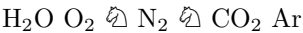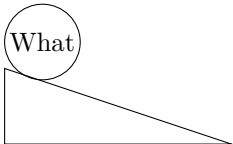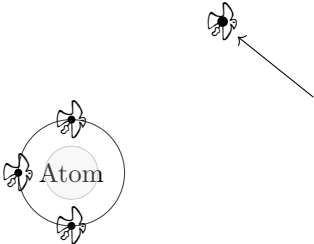
66) Album [9]

$$\text{me} = \{\neg A | \text{Any proposition of the form: } A \in \text{me}\}$$
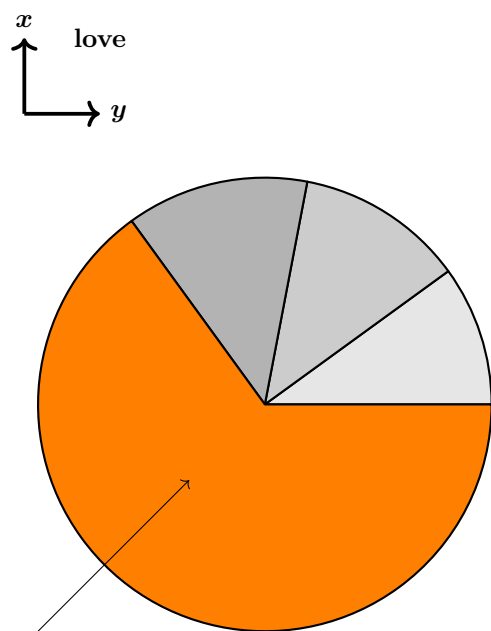
67) Album [2]

XOR

x

love

y

Figure 1: Particle decay products

68) Album [4]
69) Album [2]
70) Song [2]

The distance of X from Sun where

$$\frac{\text{Distance of X from Sun}}{\text{Distance of Earth from Sun}} = \text{fools}$$
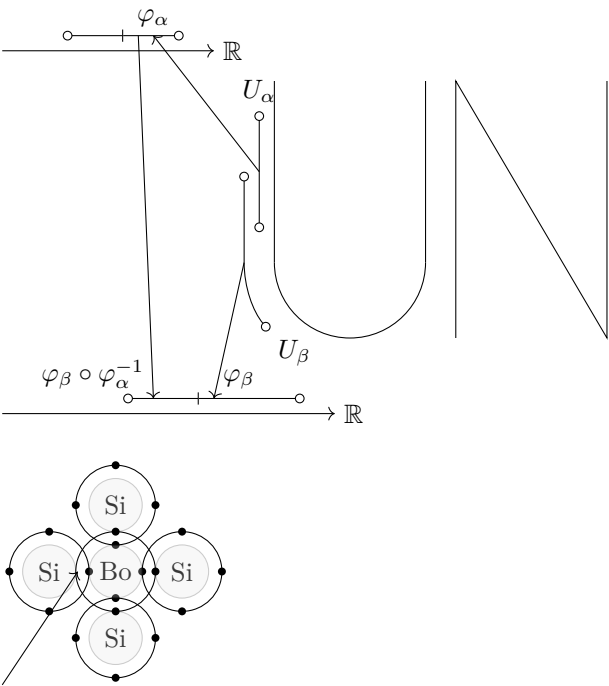
71) Album/Songs [4]

$$\begin{pmatrix} -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$

72) Film [1]

`-r-x Brain`

73) Game [1]
74) Album [2]

$$\Delta C$$

$$\varphi_\alpha$$

$$\mathbb{R}$$

$$U_\alpha$$

$$U_\beta$$

$$\varphi_\beta \circ \varphi_\alpha^{-1}$$
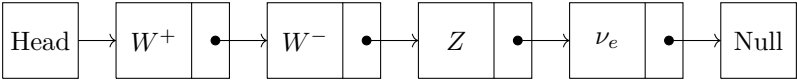
$$\varphi_\beta$$

$$\mathbb{R}$$

75) Show [2]

$$A\cos\omega_1 t, \ \ A\cos\omega_2 t$$

76) Book/Film [1]

77) Show [3]

78) Song [4]

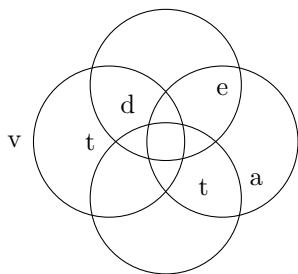$$\heartsuit \in \clubsuit$$

79) Album/Song [3]

$$\text{AgdB}$$

80) Film [3]

81) Film [3]

$$S = \int L_1 \, \mathrm{d}t \, , \ \mathcal{S} = \int L_2 \, \mathrm{d}t \, , \ \underbrace{\text{\Large\Leftaxis} = \int L_3 \, \mathrm{d}t}_{\text{this}}$$

82) Book/Film [4]

For group element , smallest m such that $\text{\raisebox{0pt}{🕊}}^m = e$

8

83) Film [3]

B 5
Boron
10.811

84) Show [3]

$$-1.8288 \, \text{m}$$

85) Book/Film [5]

$$\sum_{i=1}^{U_N} (\text{Lucky Incident})_i$$

86) Book/Film [3]

$$\pi^+ \to \mu^+ + \nu_\mu$$

87) Film/Song (spelt differently) [1] or [2]

$$a \times 10^{-3}$$

88) Film (Sophus Lie...) [1]

$$a\mathcal{L}_N(S)$$

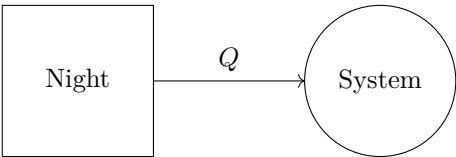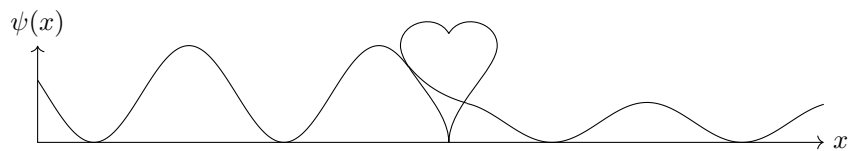89) Film [2]

$$\nabla u_8$$

91) Book [1]

$$tx_1 + (1-t)x_2 \text{ where}$$
$$x_1 = \text{March 1}$$
$$x_2 = \text{April 1}$$
$$t = 0.5$$

92) Film [2]

3

93) Albums

Using Pb with H_2

$\psi(x)$

x

Night $\xrightarrow{\quad Q \quad}$ System

94) Books/Films [5]

♔, where

$\{\Phi | \Phi$ is a set R equipped with binary operations $+$ and $\cdot$
(addition and multiplication, respectively) such that
R is abelian under addition, a monoid under multiplication,
and multiplication is distributive with respect to addition$\} \in$ ♔

95) Album [3]

$$\frac{h}{\lambda}, \ \lambda \sim 470\,\mathrm{nm}$$

96) Film [3]

$$\underbrace{e^n} - \underbrace{d} + \underbrace{👂} + \underbrace{♂t}$$

97) Albums/Songs [3]

$$-\frac{\hbar^2}{2m}\psi''(x) = E\psi(x) \qquad -\frac{\hbar^2}{2m}\psi''(x) = (E - ♡)\psi(x) \qquad -\frac{\hbar^2}{2m}\psi''(x) = E\psi(x)$$
$$x < 0 \qquad\qquad\qquad 0 \leq x \leq L, \ ♡ > E \qquad\qquad\qquad x > L$$

98) Film [6]
99) Song [1]

A bad name for entropy

100) Song [2]
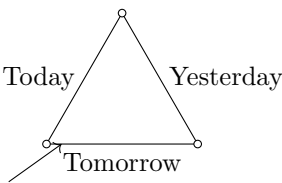
$$\lceil \tau n \rceil \ ♀$$

101) Film [1]

$$\left| \frac{\mathrm{d}\vec{r}}{\mathrm{d}t} \right|$$

102) Film [3]
103) Game [2]

$$R_{\mu\nu} - \tfrac{1}{2}Rg_{\mu\nu} + \Lambda g_{\mu\nu} = \frac{8\pi G}{c^4}T_{\mu\nu}$$

The RHS's impact on the LHS

Today / Yesterday

Tomorrow

$$xy + xz = x(y + z)$$

104) Song [2]

$$\forall n \in \mathbb{N} : \frac{\mathrm{d}^n \mathrm{Thief}(x)}{\mathrm{d}x^n} \text{ exists}$$

105) Film [2]

Fe male

106) Show [3]
107) Film [2]
108) Film [2]

$$\mathrm{LA}^{+\mathrm{ti}}_{-\mathrm{ce\ interv}}$$

109) Album [1]

$$x^2$$

110) Film [2]

$$\text{Semester} \in (8 \vee 2)$$

111) Film [4]

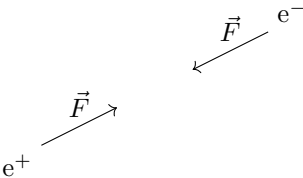$$\begin{pmatrix} -1 & 0 & 0 \\ 0 & -1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \text{Luke}$$
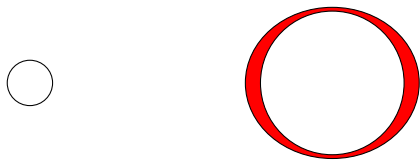
112) Film [2]

```
investigator = !(6<=4)
```

113) Film [2]

$$\frac{1}{N} \sum_{i=1}^{N} \female_i$$

114) Song [4]

$$x^{\heartsuit}$$

$\vec{F}$ e$^-$

$\vec{F}$

e$^+$

115) Film/Book [4]

$$(\text{Relative to you: } \vec{r} = 0) \rightarrow t = \infty$$

116) Song (also Album/Film with different name) [1]

$$\underbrace{\heartsuit} - x$$

117) Film [2]
118) Film [2]

$$a_{\text{Ghost}} = e^{\frac{\mu_{\text{Ghost}} - \mu_{\text{Ghost}}^{\ominus}}{RT}}$$

119) Song [2]

$$\text{Teenager}_0 + hf_1 \rightarrow \text{Teenager}_1$$
$$\text{Teenager}_1 \rightarrow \text{Teenager}_2 + hf_2$$
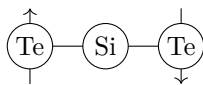$$f_1 > f_2$$

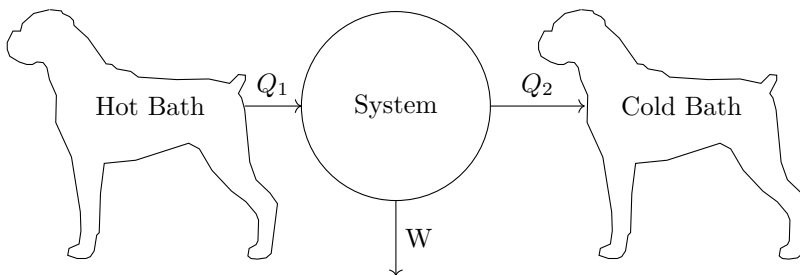120) Song [4]

$$\vec{\text{this}} = \vec{r} \times \vec{F}$$

121) Film [2]
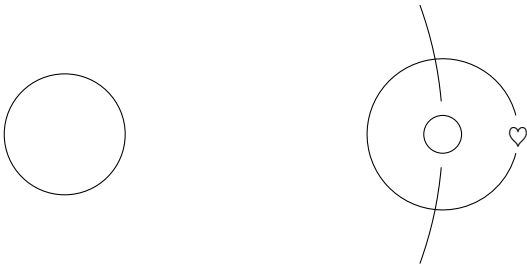Point mass m with $v > 0$ and $a < 0$
122) Film [1]

123) Film [2]

124) Film [3]

```
cd
pwd
ls
cat
cp
mv
mkdir
rmdir
rm
touch
```

125) Song [4]

$$\frac{w + h + e + r + e}{\rule{2cm}{0pt}}$$
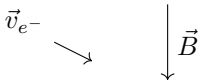
126) Song [5]

127) Album/Songs (Very similar names) [3] or [2]

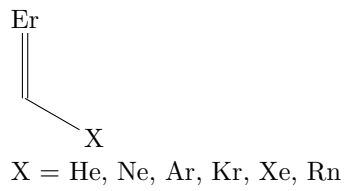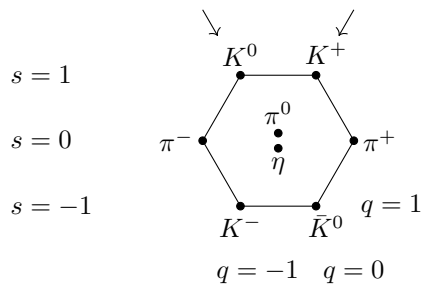What path does the electron take (assuming it stays in $\vec{B}$)?

$$\vec{v}_{e^-} \qquad\qquad \downarrow \vec{B}$$

128) Song [2]

129) Album/Song [1]

$$\int f(x)\,\mathrm{d}x\,,\quad \int g(x)\,\mathrm{d}x\,,\quad \underbrace{\int h(x)\,\mathrm{d}x}_{\text{dis}}$$

130) Show [1]

Er

$\parallel$

X

X = He, Ne, Ar, Kr, Xe, Rn

131) Show [2]

$s = 1$

$s = 0$

$s = -1$

K^0 K^+

π^0

π^- π^+

η

K^- $\bar{K}^0$ $q = 1$

$q = -1$ $q = 0$
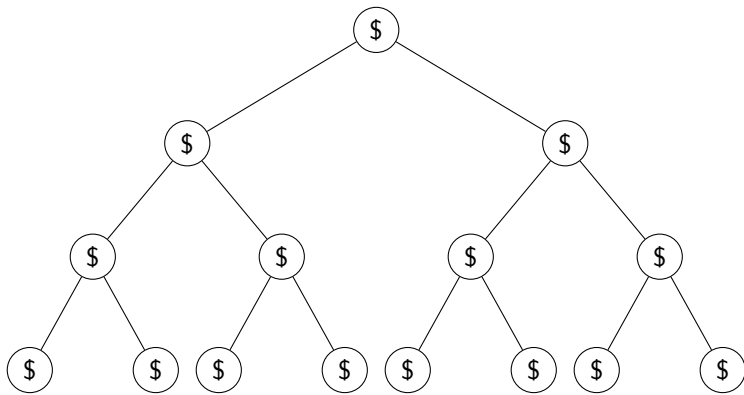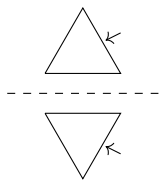
132) Game [2]

133) Film [5]

$$\min_x |\text{It}(x) - \text{Good}(x)|$$

134) Film [2]

$$2 \times \text{LossProtection}$$
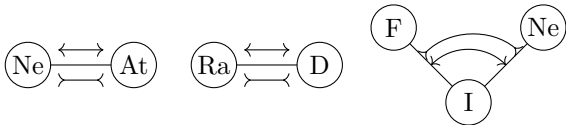
135) Film [3]

$$\mathcal{L}_X g = 0$$

136) Book [1]

$$9 \leq ♀ \leq 14$$

137) Song [4]

$$\mathbf{1.03412817392} = \int_0^\infty t\lambda e^{-t/\lambda}\,\mathrm{d}t$$

138) Song [2]

139) Film [6]

$$\mathrm{Age}(t) = 80 - t$$

139) Song [1]
140) Series [1]

$$f \text{ where } f(x) = x + \mathrm{Black}$$

141) Song [5]

$$\mathrm{US} \xrightarrow{\ \mathrm{LuV}\ } \mathrm{U} + \mathrm{S}$$

142) Game [2]

$$L_{\mathrm{sol}} = \sigma A T^4,\ T = 0$$

143) Film [4]

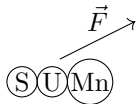$$\omega_p(t) = \begin{cases} \frac{2\pi}{T_{\mathrm{orbit}}}, & 0 \leq t \leq T \\ 0, & t \geq T \end{cases}$$

where $T > T_{\mathrm{orbit}}$ and it is part of the answer.

144) Film [2]

$$|\{x | x \in \mathrm{house}\}| = 1$$

145) Film [4]

Ⓘ Ⓣ

$\vec{F}$ ↗

Ⓢ Ⓤ Ⓜ n

$F = \alpha T_{\text{IT}}$ where α is a constant.

146) Film [4]

$$m_\blacktriangle a = F - m_\blacktriangle g$$
$$F > m_\blacktriangle g$$

147) Song [5]

```
while(Gibson.numTears()>0){…}
```

148) Book/Song [5]
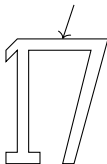
```
for(person i : PeopleWhoWillDie){…}
```

149) Song [6]

```
while(!Me.HadEnough()){…}
```

150) Song [3]

$$c\bar{d} \longrightarrow \bar{u}s + u\bar{d} + u\bar{d}$$

151) Song [3]

17

152) Film [1]

$$\text{Se}_7\text{Ne}$$

153) Film [2]

$$e^{3.2i} + 1 = 0$$

154) Album [2]

pleasure_1 and pleasure_2 before

$f(\text{pleasure}_1, \text{pleasure}_2) = 0$ is solved for pleasure_1 and pleasure_2

155) Series [1]

$$\sqrt{s}$$

16