

University Interscholastic League - Number Sense Answer Key HS • SAC • Fall 2021

\*number)  $x - y$  means an integer between  $x$  and  $y$  inclusive

NOTE: If an answer is of the type like  $\frac{2}{3}$  it cannot be written as a repeating decimal

- |                         |                            |  |                                       |
|-------------------------|----------------------------|--|---------------------------------------|
| (1) 665                 | (18) 884                   | (34) 42                                  | (58) $-.5, -\frac{1}{2}$              |
| (2) $2\frac{3}{10}$     | (19) $2\frac{9}{70}$       | (35) 165                                 | (59) 5                                |
| (3) 1.62                | *(20) 892,159 —<br>986,069 | (36) $-12$                               | *(60) 206 — 227                       |
| (4) $.9, \frac{9}{10}$  | (21) $-3$                  | (37) 2,849                               | (61) 1,899                            |
| (5) $-.4, -\frac{2}{5}$ | (22) 36                    | (38) 2,020                               | (62) $12\frac{1}{3}$                  |
| (6) 990                 | (23) 27                    | (39) $21\frac{3}{7}$                     | (63) 91                               |
| (7) .375                | (24) 7                     | *(40) 406 — 448                          | (64) 60                               |
| (8) 900                 | (25) 1                     | (41) 54                                  | (65) 3                                |
| (9) 256                 | (26) $.375, \frac{3}{8}$   | (42) 1                                   | (66) $-19$                            |
| *(10) 3,764 — 4,160     | (27) 225                   | (43) $12.5, \frac{25}{2}, 12\frac{1}{2}$ | (67) $.25, \frac{1}{4}$               |
| (11) $\frac{11}{13}$    | (28) 3                     | (44) 5                                   | (68) $1.6, \frac{8}{5}, 1\frac{3}{5}$ |
| (12) 16                 | (29) 166                   | (45) 4                                   | (69) 2111                             |
| (13) 36                 | *(30) 4,206 — 4,648        | (46) 6                                   | *(70) 145,920 —<br>161,280            |
| (14) 36                 | (31) 1                     | (47) 870                                 | (71) 4                                |
| (15) 6                  | (32) $\frac{14}{33}$       | (48) 76                                  | (72) 7                                |
| (16) 7.32               | (33) 1                     | (49) 10                                  | (73) 7                                |
| (17) 8                  |                            | *(50) 770 — 850                          | (74) 7                                |
|                         |                            | (51) $-95$                               | (75) 0                                |
|                         |                            | (52) 333                                 | (76) 0                                |
|                         |                            | (53) $\frac{25}{3}, 8\frac{1}{3}$        | (77) 14                               |
|                         |                            | (54) 15                                  | (78) $\frac{1}{27}$                   |
|                         |                            | (55) 30                                  | (79) 81                               |
|                         |                            | (56) $\frac{80}{3}, 26\frac{2}{3}$       | *(80) 1,386 — 1,531                   |
|                         |                            | (57) 35                                  |                                       |