

University Interscholastic League - Number Sense Answer Key HS • SAC • Fall 2017

\*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) 3,820                 | (19) 83                                | (36) 9                                      | *(60) 472,781 —<br>522,547                 |
| (2) 594                   | *(20) 257 — 283                        | (37) \$24.00                                | (61) 6                                     |
| (3) 66,000                | (21) 4,000                             | (38) 406                                    | (62) 3.75, $\frac{15}{4}$ , $3\frac{3}{4}$ |
| (4) $\frac{11}{30}$       | (22) 2                                 | (39) 40                                     | (63) $\frac{2}{5}$                         |
| (5) $\frac{9}{20}$        | (23) \$1.44                            | *(40) 4,281 — 4,730                         | (64) 3                                     |
| (6) $60\frac{2}{9}$       | (24) 54                                | (41) — 24                                   | (65) — 9                                   |
| (7) 256                   | (25) 324                               | (42) 25                                     | (66) — .5, — $\frac{1}{2}$                 |
| (8) .49, $\frac{49}{100}$ | (26) 76                                | (43) 982,081                                | (67) — 2                                   |
| (9) — 10                  | (27) 11                                | (44) 21                                     | (68) 22                                    |
| *(10) 3,652 — 4,036       | (28) $\frac{5}{33}$                    | (45) — 920                                  | (69) 9                                     |
| (11) 560                  | (29) 29                                | (46) 18                                     | *(70) 291 — 321                            |
| (12) 14                   | *(30) 140,889 —<br>155,719             | (47) 16                                     | (71) 3                                     |
| (13) $1\frac{5}{8}$       | (31) $\frac{200}{9}$ , $22\frac{2}{9}$ | (48) 1.875, $\frac{15}{8}$ , $1\frac{7}{8}$ | (72) 2121                                  |
| (14) 49                   | (32) 12                                | (49) .0625                                  | (73) — 4                                   |
| (15) 84                   | (33) 42                                | *(50) 241 — 265                             | (74) — 3                                   |
| (16) 22                   | (34) 3                                 | (51) 1                                      | (75) 6                                     |
| (17) 120                  | (35) 13                                | (52) — 1                                    | (76) 1.5, $\frac{3}{2}$ , $1\frac{1}{2}$   |
| (18) 6                    |  | (53) 8                                      | (77) $\frac{13}{7}$ , $1\frac{6}{7}$       |
|                           |  | (54) 144                                    | (78) 1,717                                 |
|                           |  | (55) 120                                    | (79) 8.5, $\frac{17}{2}$ , $8\frac{1}{2}$  |
|                           |  | (56) 23                                     | *(80) 85,500 — 94,500                      |
|                           |  | (57) .5, $\frac{1}{2}$                      |  |
|                           |  | (58) 49,416                                 |  |
|                           |  | (59) 5                                      |  |