

University Interscholastic League - Number Sense Answer Key HS • SAC • Fall 2020

*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

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|--------------------------------------|-------------------------|--|---------------------------------------|
| (1) 8,490 | (18) \$31.00 | (35) $-.8, -\frac{4}{5}$ | (59) -2 |
| (2) $4.5, \frac{9}{2}, 4\frac{1}{2}$ | (19) 31 | (36) $\frac{182}{9}, 20\frac{2}{9}$ | *(60) $15,200 - 16,800$ |
| (3) $.625, \frac{5}{8}$ | *(20) $80,729 - 89,226$ | (37) -27 | (61) $1.2, \frac{6}{5}, 1\frac{1}{5}$ |
| (4) 62 | (21) 22.4 | (38) 5 | (62) $.5, \frac{1}{2}$ |
| (5) 3 | (22) 3 | (39) 8 | (63) 10 |
| (6) 360 | (23) 41 | *(40) $25,536 - 28,224$ | (64) $8\frac{2}{9}$ |
| (7) .625 | (24) 5 | (41) $\frac{4}{33}$ | (65) $-.2, -\frac{1}{5}$ |
| (8) 231 | (25) 9,000 | (42) $6.5, \frac{13}{2}, 6\frac{1}{2}$ | (66) 729 |
| (9) 16 | (26) $\frac{8}{9}$ | (43) 2 | (67) 28 |
| *(10) $4,947 - 5,467$ | (27) 75 | (44) 0 | (68) 6 |
| (11) 361 | (28) 1,536 | (45) 113 | (69) 2.4 |
| (12) $\frac{12}{25}$ | (29) 10 | (46) 50 | *(70) $11,147 - 12,320$ |
| (13) 8 | *(30) $87 - 95$ | (47) 13 | (71) 2 |
| (14) 481 | (31) 50 | (48) 1,313 | (72) $1.6, \frac{8}{5}, 1\frac{3}{5}$ |
| (15) 39 | (32) 2 | (49) -1 | (73) 5 |
| (16) $10\frac{1}{12}$ | (33) 102 | *(50) $82 - 90$ | (74) 2 |
| (17) 23 | (34) 9 | (51) $\frac{7}{3}, 2\frac{1}{3}$ | (75) 2111 |
| | | (52) 36 | (76) 6 |
| | | (53) 2,791 | (77) 11110 |
| | | (54) 4 | (78) -2 |
| | | (55) $12.5, \frac{25}{2}, 12\frac{1}{2}$ | (79) 25 |
| | | (56) 6 | *(80) $89 - 97$ |
| | | (57) 1,728 | |
| | | (58) 4 | |