

Dr Numsen – High School Number Sense
Practice Test – 19 October 2005

Answers

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|----------------------|---------------------------------|---|------------------------|
| (1) 9301 | (22) 1452 | (42) 11128 | (62) $\frac{144}{169}$ |
| (2) 15351 | (23) 10010 | (43) 64 | (63) 1243 |
| (3) 1296 | (24) 11 | (44) 4100 | (64) $\frac{1}{3}$ |
| (4) $16\frac{2}{3}$ | (25) 3325 | (45) $\frac{38}{99}$ | (65) 100 |
| (5) 0 | (26) 1280 | (46) $\frac{1}{8}$ | (66) $\frac{15}{1196}$ |
| (6) 4246 | (27) 2025 | (47) $\frac{1}{21}$ | (67) -1 |
| (7) $53\frac{1}{2}$ | (28) 6399 | (48) $\frac{12}{5}$; 2.4; $2\frac{2}{5}$ | (68) 4 |
| (8) 11 | (29) 16 | (49) 82 | (69) 10 |
| (9) $\frac{4}{3}$ | * (30) 349 – 385 | * (50) 54720 – 60480 | * (70) 108230 – 119622 |
| *(10) 1015 – 1121 | (31) 34 | (51) 978121 | (71) 6 |
| (11) 900 | (32) 2303 | (52) 94864 | (72) 120 |
| (12) 184 | (33) 46 | (53) 5 | (73) 870 |
| (13) $\frac{23}{40}$ | (34) 17 | (54) 6 | (74) -2 |
| (14) 12 | (35) 36 | (55) 109 | (75) 1 |
| (15) 2304 | (36) 1462 | (56) $\frac{1}{12}$ | (76) 4 |
| (16) 195 | (37) 384 | (57) 0 | (77) 304 |
| (17) 50 | (38) 6 | (58) 10640 | (78) 92 |
| (18) 9118 | (39) 1.001; $\frac{1001}{1000}$ | (59) 34 | (79) $\frac{25}{104}$ |
| (19) 52 | * (40) 135 – 148 | * (60) 14490 – 16014 | * (80) 532 – 588 |
| *(20) 84885 – 93819 | (41) $20\frac{9}{100}$ | (61) $-\frac{3}{2}$ | |
| (21) $4\frac{1}{6}$ | | | |