

For each estimation problem, the exact value (rounded to two decimal places) appears in square brackets.

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|-------------------------------------|-------------------------------------|--|----------------------------------|
| (1) 115 | (23) 925 | (44) 9 | (63) 60 |
| (2) 126 | (24) 4 | (45) $11\frac{1}{49}$ | (64) $-9\frac{1}{2}$ |
| (3) 84 | (25) 48 | (46) 33 | (65) -45 |
| (4) 4820 | (26) $\frac{1}{3}$ | (47) 30 | (66) 1960 |
| (5) 6075 | (27) 198 | (48) 256 | (67) $1\frac{7}{12}$ |
| (6) 80 | (28) 58.4 | (49) 20 | (68) 4 |
| (7) 5008 | (29) 41 | *(50) $1154370 - 1275882$
[1215126] | (69) 15552 |
| (8) 61 | *(30) $150324 - 166146$
[158235] | (51) $\frac{1}{2}; .5$ | *(70) $1409 - 1556$
[1482.14] |
| (9) 374 | (31) 2496 | (52) 2209 | |
| *(10) $399759 - 441837$
[420798] | (32) 36 | (53) 8 | (71) 8 |
| (11) 2 | (33) $\frac{4}{5}$ | (54) 3.75 | (72) 9114 |
| (12) 998 | (34) 4 | (55) 7 | (73) 34 |
| (13) 225 | (35) 7.96 | (56) 24 | (74) 36 |
| (14) 28 | (36) .42 | (57) $2\frac{1}{72}$ | (75) 1562 |
| (15) 15 | (37) 23 | (58) 70.00 | (76) -4 |
| (16) 24600 | (38) .68 | (59) 53 | (77) 8 |
| (17) 9 | (39) 58 | *(60) $403 - 444$
[423.79] | (78) 43.20 |
| (18) 10 | *(40) $7089 - 7835$
[7462] | (61) $\frac{1}{18}$ | (79) 6 |
| (19) 31 | (41) 42 | (62) 36297 | *(80) $88 - 96$
[92.11] |
| *(20) $494 - 545$
[519.19] | (42) $\frac{1}{12}$ | | |
| (21) $\frac{4}{5}; .8$ | (43) 45 | | |
| (22) 39 | | | |