

Ocena żywienia

grupa 1

| | |
|----|--------|
| 1 | 186331 |
| 2 | 186339 |
| 3 | 186343 |
| 4 | 186345 |
| 5 | 179288 |
| 6 | 186365 |
| 7 | 186369 |
| 8 | 186375 |
| 9 | 179923 |
| 10 | 179937 |
| 11 | 173809 |
| 12 | 186422 |
| 13 | 186107 |
| 14 | 186436 |
| 15 | 186440 |
| 16 | 186443 |
| 17 | 186450 |

grupa 2

| | |
|----|--------|
| 1 | 186333 |
| 2 | 186335 |
| 3 | 186338 |
| 4 | 186340 |
| 5 | 186344 |
| 6 | 179899 |
| 7 | 186382 |
| 8 | 186385 |
| 9 | 173799 |
| 10 | 186418 |
| 11 | 186424 |
| 12 | 186428 |
| 13 | 186433 |
| 14 | 186434 |
| 15 | 186435 |
| 16 | 168092 |
| 17 | |

grupa 3

| | |
|----|--------|
| 1 | 186336 |
| 2 | 181156 |
| 3 | 181395 |
| 4 | 186352 |
| 5 | 186357 |
| 6 | 186384 |
| 7 | 186387 |
| 8 | 186392 |
| 9 | 186395 |
| 10 | 186396 |
| 11 | 186399 |
| 12 | 186400 |
| 13 | 186448 |
| 14 | 186451 |
| 15 | 180001 |
| 16 | 186473 |
| 17 | 186477 |
| 18 | 186480 |

grupa 4

| | |
|----|--------|
| 1 | 186334 |
| 2 | 186348 |
| 3 | 186347 |
| 4 | 179797 |
| 5 | 186397 |
| 6 | 186403 |
| 7 | 186406 |
| 8 | 186407 |
| 9 | 186408 |
| 10 | 186409 |
| 11 | 186417 |
| 12 | 186419 |
| 13 | 186438 |
| 14 | 186441 |
| 15 | 186442 |
| 16 | 186472 |
| 17 | 186479 |
| | 186430 |

grupa 5

| | |
|----|--------|
| 1 | 178668 |
| 2 | 186337 |
| 3 | 186341 |
| 4 | 186342 |
| 5 | 186349 |
| 6 | 179907 |
| 7 | 186376 |
| 8 | 181170 |
| 9 | 186378 |
| 10 | 186379 |
| 11 | 186381 |
| 12 | 186383 |
| 13 | 186386 |
| 14 | 186394 |
| 15 | 179970 |
| 16 | 179981 |
| 17 | 186455 |

grupa 6

| | |
|----|--------|
| 1 | 179883 |
| 2 | 169994 |
| 3 | 186351 |
| 4 | 186358 |
| 5 | 186360 |
| 6 | 186362 |
| 7 | 186363 |
| 8 | 186366 |
| 9 | 186368 |
| 10 | 186370 |
| 11 | 186371 |
| 12 | 186372 |
| 13 | 186373 |
| 14 | 186374 |
| 15 | 186380 |
| 16 | 186388 |
| 17 | 186390 |
| 18 | 186421 |

grupa 7

| | |
|----|--------|
| 1 | 186404 |
| 2 | 186413 |
| 3 | 186414 |
| 4 | 186425 |
| 5 | 186426 |
| 6 | 179961 |
| 7 | 186429 |
| 8 | 186449 |
| 9 | 186452 |
| 10 | 186454 |
| 11 | 186456 |
| 12 | 186458 |
| 13 | 168924 |
| 14 | 186462 |
| 15 | 189131 |
| 16 | 186465 |
| 17 | 186466 |
| 18 | 186467 |

Technologia żywności pochodzenia zwierzęcego

grupa 1

| | |
|----|--------|
| 1 | 186335 |
| 2 | 186338 |
| 3 | 186340 |
| 4 | 179899 |
| 5 | 186382 |
| 6 | 186385 |
| 7 | 173799 |
| 8 | 186418 |
| 9 | 186424 |
| 10 | 186428 |
| 11 | 186430 |
| 12 | 186433 |
| 13 | 186434 |
| 14 | 186435 |
| 15 | 186436 |
| 16 | 186443 |
| 17 | 168924 |
| 18 | 186462 |

grupa 2

| | |
|----|--------|
| 1 | 186337 |
| 2 | 186348 |
| 3 | 186347 |
| 4 | 186351 |
| 5 | 186352 |
| 6 | 186358 |
| 7 | 186362 |
| 8 | 186363 |
| 9 | 186371 |
| 10 | 186372 |
| 11 | 179907 |
| 12 | 186374 |
| 13 | 186376 |
| 14 | 186386 |
| 15 | 186390 |
| 16 | 186392 |
| 17 | 186395 |
| 18 | 186399 |

grupa 3

| | |
|----|--------|
| 1 | 179981 |
| 2 | 186449 |
| 3 | 186450 |
| 4 | 186452 |
| 5 | 186454 |
| 6 | 186455 |
| 7 | 186456 |
| 8 | 186458 |
| 9 | 189131 |
| 10 | 186465 |
| 11 | 186466 |
| 12 | 186467 |
| 13 | 186472 |
| 14 | 186473 |
| 15 | 186477 |
| 16 | 186479 |
| 17 | 186480 |

grupa 4

| | |
|----|--------|
| 1 | 186397 |
| 2 | 186400 |
| 3 | 186403 |
| 4 | 186404 |
| 5 | 186406 |
| 6 | 186407 |
| 7 | 186408 |
| 8 | 179937 |
| 9 | 186409 |
| 10 | 186417 |
| 11 | 186419 |
| 12 | 173809 |
| 13 | 186422 |
| 14 | 179961 |
| 15 | 179970 |
| 16 | 186438 |
| 17 | 186441 |
| 18 | 186442 |

grupa 5

| | |
|----|--------|
| 1 | 186368 |
| 2 | 186373 |
| 3 | 186375 |
| 4 | 181170 |
| 5 | 186378 |
| 6 | 186379 |
| 7 | 186380 |
| 8 | 186381 |
| 9 | 186383 |
| 10 | 186384 |
| 11 | 186387 |
| 12 | 186388 |
| 13 | 179797 |
| 14 | 186394 |
| 15 | 179923 |
| 16 | 186396 |
| 17 | 186414 |
| 18 | 186426 |

grupa 6

| | |
|----|--------|
| 1 | 186331 |
| 2 | 178668 |
| 3 | 186334 |
| 4 | 186336 |
| 5 | 186339 |
| 6 | 186341 |
| 7 | 186342 |
| 8 | 186343 |
| 9 | 181156 |
| 10 | 186345 |
| 11 | 181395 |
| 12 | 179288 |
| 13 | 186349 |
| 14 | 186357 |
| 15 | 186360 |
| 16 | 186366 |
| 17 | 186413 |
| 18 | 180001 |

Enzymy w projektowaniu i produkcji żywności

grupa 1

| | |
|----|--------|
| 1 | 179883 |
| 2 | 169994 |
| 3 | 186365 |
| 4 | 186369 |
| 5 | 186370 |
| 6 | 186376 |
| 7 | 186386 |
| 8 | 186421 |
| 9 | 186425 |
| 10 | 186429 |
| 11 | 186107 |
| 12 | 186436 |
| 13 | 186440 |
| 14 | 186443 |
| 15 | 186448 |
| 16 | 186451 |
| 17 | 186462 |

grupa 2

| | |
|----|--------|
| 1 | 186337 |
| 2 | 186348 |
| 3 | 186347 |
| 4 | 186351 |
| 5 | 186352 |
| 6 | 186358 |
| 7 | 186362 |
| 8 | 186363 |
| 9 | 186371 |
| 10 | 186372 |
| 11 | 179907 |
| 12 | 186374 |
| 13 | 186390 |
| 14 | 186392 |
| 15 | 186395 |
| 16 | 186399 |
| 17 | 186385 |
| 18 | 186428 |

grupa 3

| | |
|----|--------|
| 1 | 179981 |
| 2 | 186449 |
| 3 | 186450 |
| 4 | 186452 |
| 5 | 186454 |
| 6 | 186455 |
| 7 | 186456 |
| 8 | 186458 |
| 9 | 189131 |
| 10 | 186465 |
| 11 | 186466 |
| 12 | 186467 |
| 13 | 186472 |
| 14 | 186473 |
| 15 | 186477 |
| 16 | 186479 |
| 17 | 186480 |

grupa 4

| | |
|----|--------|
| 1 | 186397 |
| 2 | 186400 |
| 3 | 186403 |
| 4 | 186404 |
| 5 | 186406 |
| 6 | 186407 |
| 7 | 186408 |
| 8 | 179937 |
| 9 | 186409 |
| 10 | 186417 |
| 11 | 186419 |
| 12 | 173809 |
| 13 | 186422 |
| 14 | 179961 |
| 15 | 179970 |
| 16 | 186438 |
| 17 | 186441 |
| 18 | 186442 |

grupa 5

| | |
|----|--------|
| 1 | 186368 |
| 2 | 186373 |
| 3 | 186375 |
| 4 | 181170 |
| 5 | 186378 |
| 6 | 186379 |
| 7 | 186380 |
| 8 | 186381 |
| 9 | 186383 |
| 10 | 186384 |
| 11 | 186387 |
| 12 | 186388 |
| 13 | 179797 |
| 14 | 186394 |
| 15 | 179923 |
| 16 | 186396 |
| 17 | 186414 |
| 18 | 186426 |

grupa 6

| | |
|----|--------|
| 1 | 186331 |
| 2 | 178668 |
| 3 | 186334 |
| 4 | 186336 |
| 5 | 186339 |
| 6 | 186341 |
| 7 | 186342 |
| 8 | 186343 |
| 9 | 181156 |
| 10 | 186345 |
| 11 | 181395 |
| 12 | 179288 |
| 13 | 186349 |
| 14 | 186357 |
| 15 | 186360 |
| 16 | 186366 |
| 17 | 186413 |
| 18 | 180001 |

Biologiczna ocena żywności

grupa 1

| | |
|----|--------|
| 1 | 186429 |
| 2 | 186430 |
| 3 | 186433 |
| 4 | 186107 |
| 5 | 186434 |
| 6 | 186435 |
| 7 | 186436 |
| 8 | 186440 |
| 9 | 186443 |
| 10 | 186448 |
| 11 | 186450 |
| 12 | 186451 |
| 13 | 186462 |
| 14 | 186333 |
| 15 | 186348 |
| 16 | 186347 |

grupa 2

| | |
|----|--------|
| 1 | 179883 |
| 2 | 186335 |
| 3 | 186338 |
| 4 | 186340 |
| 5 | 169994 |
| 6 | 186365 |
| 7 | 186369 |
| 8 | 186370 |
| 9 | 179907 |
| 10 | 186382 |
| 11 | 186385 |
| 12 | 186386 |
| 13 | 186392 |
| 14 | 186418 |
| 15 | 186424 |
| 16 | 186428 |
| 17 | 186358 |

grupa 3

| | |
|----|--------|
| 1 | 179981 |
| 2 | 186449 |
| 3 | 186452 |
| 4 | 186454 |
| 5 | 186455 |
| 6 | 186456 |
| 7 | 186458 |
| 8 | 189131 |
| 9 | 186465 |
| 10 | 186466 |
| 11 | 186467 |
| 12 | 186472 |
| 13 | 186473 |
| 14 | 186477 |
| 15 | 186479 |
| 16 | 186480 |

grupa 4

| | |
|----|--------|
| 1 | 186397 |
| 2 | 186403 |
| 3 | 186406 |
| 4 | 186407 |
| 5 | 186408 |
| 6 | 179937 |
| 7 | 186409 |
| 8 | 186417 |
| 9 | 186419 |
| 10 | 173809 |
| 11 | 186422 |
| 12 | 179961 |
| 13 | 179970 |
| 14 | 186438 |
| 15 | 186441 |
| 16 | 186442 |

grupa 5

| | |
|----|--------|
| 1 | 186368 |
| 2 | 186373 |
| 3 | 186375 |
| 4 | 181170 |
| 5 | 186378 |
| 6 | 186379 |
| 7 | 186380 |
| 8 | 186381 |
| 9 | 186383 |
| 10 | 186384 |
| 11 | 186387 |
| 12 | 186388 |
| 13 | 179797 |
| 14 | 186394 |
| 15 | 179923 |
| 16 | 186396 |

grupa 6

| | |
|----|--------|
| 1 | 186331 |
| 2 | 178668 |
| 3 | 186334 |
| 4 | 186336 |
| 5 | 186339 |
| 6 | 186341 |
| 7 | 186342 |
| 8 | 186343 |
| 9 | 181156 |
| 10 | 186345 |
| 11 | 181395 |
| 12 | 179288 |
| 13 | 186349 |
| 14 | 186357 |
| 15 | 186360 |
| 16 | 186366 |

Żywność specjalnego przeznaczenia żywieniowego

| grupa 1 | | grupa 2 | | grupa 3 | | grupa 4 | | grupa 5 | | grupa 6 | |
|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
| 1 | 186333 | 1 | 179883 | 1 | 186362 | 1 | 186397 | 1 | 186368 | 1 | 186331 |
| 2 | 186344 | 2 | 186335 | 2 | 186363 | 2 | 186400 | 2 | 186373 | 2 | 178668 |
| 3 | 186348 | 3 | 186337 | 3 | 179981 | 3 | 186403 | 3 | 186375 | 3 | 186334 |
| 4 | 186347 | 4 | 186338 | 4 | 186449 | 4 | 186404 | 4 | 181170 | 4 | 186336 |
| 5 | 186352 | 5 | 186340 | 5 | 186452 | 5 | 186406 | 5 | 186378 | 5 | 186339 |
| 6 | 179899 | 6 | 169994 | 6 | 186454 | 6 | 186407 | 6 | 186379 | 6 | 186341 |
| 7 | 186395 | 7 | 186351 | 7 | 186455 | 7 | 186408 | 7 | 186380 | 7 | 186342 |
| 8 | 186399 | 8 | 186358 | 8 | 186456 | 8 | 179937 | 8 | 186381 | 8 | 186343 |
| 9 | 186425 | 9 | 186365 | 9 | 186458 | 9 | 186409 | 9 | 186383 | 9 | 181156 |
| 10 | 186429 | 10 | 186369 | 10 | 189131 | 10 | 186417 | 10 | 186384 | 10 | 186345 |
| 11 | 186430 | 11 | 186370 | 11 | 186465 | 11 | 186419 | 11 | 186387 | 11 | 181395 |
| 12 | 186433 | 12 | 186371 | 12 | 186466 | 12 | 173809 | 12 | 186388 | 12 | 179288 |
| 13 | 186107 | 13 | 186372 | 13 | 186467 | 13 | 186422 | 13 | 179797 | 13 | 186349 |
| 14 | 186434 | 14 | 186374 | 14 | 186472 | 14 | 179961 | 14 | 186394 | 14 | 186357 |
| 15 | 186435 | 15 | 186382 | 15 | 186473 | 15 | 179970 | 15 | 179923 | 15 | 186360 |
| 16 | 186440 | 16 | 186385 | 16 | 186477 | 16 | 186438 | 16 | 186396 | 16 | 186366 |
| 17 | 186448 | 17 | 186390 | 17 | 186479 | 17 | 186441 | 17 | 186414 | 17 | 186413 |
| 18 | 186451 | 18 | 186418 | 18 | 186480 | 18 | 186442 | 18 | 186426 | 18 | 180001 |
| 19 | 168924 | 19 | 186421 | 19 | 179907 | 19 | 186386 | | | | |
| 20 | 186462 | 20 | 186424 | | | | | | | | |
| | | 21 | 186428 | | | | | | | | |

Technologia żywności pochodzenia roślinnego

| grupa 1 | | grupa 2 | | grupa 3 | |
|---------|--------|---------|--------|---------|--------|
| 1 | 186331 | 1 | 186333 | 1 | 186334 |
| 2 | 186335 | 2 | 186348 | 2 | 186336 |
| 3 | 186340 | 3 | 186347 | 3 | 181156 |
| 4 | 186375 | 4 | 186351 | 4 | 186368 |
| 5 | 181170 | 5 | 186358 | 5 | 186373 |
| 6 | 186386 | 6 | 186362 | 6 | 186388 |
| 7 | 186392 | 7 | 186376 | 7 | 186394 |
| 8 | 186418 | 8 | 186399 | 8 | 186396 |
| 9 | 186424 | 9 | 186400 | 9 | 186397 |
| 10 | 186428 | 10 | 186413 | 10 | 186408 |
| 11 | 186430 | 11 | 186414 | 11 | 186417 |
| 12 | 186433 | 12 | 186426 | 12 | 186419 |
| 13 | 179970 | 13 | 168092 | 13 | 179961 |
| 14 | 186435 | 14 | 168924 | 14 | 186438 |
| 15 | 186436 | 15 | 180001 | 15 | 186441 |
| 16 | 186443 | 16 | 181395 | 16 | 186442 |
| 17 | 179981 | 17 | 186337 | 17 | 186454 |
| 18 | 186450 | 18 | 186395 | 18 | 186458 |
| 19 | 186462 | | | 19 | 186465 |

Zaawansowane metody analizy sensorycznej

| grupa 1 | | grupa 2 | | grupa 3 | |
|---------|--------|---------|--------|---------|-----------|
| 1 | 186341 | 1 | 186333 | 1 | 186337 |
| 2 | 186342 | 2 | 179883 | 2 | 186340 |
| 3 | 181395 | 3 | 186344 | 3 | 186378 |
| 4 | 186387 | 4 | 169994 | 4 | 186379 |
| 5 | 179797 | 5 | 186351 | 5 | 186381 |
| 6 | 179923 | 6 | 186360 | 6 | 186383 |
| 7 | 186396 | 7 | 186366 | 7 | 186385 |
| 8 | 186397 | 8 | 186368 | 8 | 186414+C4 |
| 9 | 186403 | 9 | 186373 | 9 | 186424 |
| 10 | 186406 | 10 | 186374 | 10 | 186428 |
| 11 | 186407 | 11 | 186380 | 11 | 186429 |
| 12 | 186408 | 12 | 186388 | 12 | 186107 |
| 13 | 179937 | 13 | 186395 | 13 | 186440 |
| 14 | 186409 | 14 | 186430 | 14 | 186449 |
| 15 | 186417 | 15 | 186433 | 15 | 186454 |
| 16 | 186419 | 16 | 186434 | 16 | 186455 |
| 17 | 186438 | 17 | 186435 | 17 | 186456 |
| 18 | 186441 | 18 | 186448 | 18 | 180001 |
| 19 | 186442 | 19 | 186451 | 19 | 186462 |
| 20 | 186472 | | | 20 | 189131 |
| 21 | 186479 | | | 21 | 186466 |

Nowoczesne metody pakowania żywności

grupa 1

| | |
|----|--------|
| 1 | 186338 |
| 2 | 186342 |
| 3 | 186343 |
| 4 | 181156 |
| 5 | 186349 |
| 6 | 186357 |
| 7 | 186375 |
| 8 | 186376 |
| 9 | 181170 |
| 10 | 186384 |
| 11 | 186394 |
| 12 | 186400 |
| 13 | 186422 |
| 14 | 179970 |
| 15 | 179981 |
| 16 | 168092 |

grupa 2

| | |
|----|--------|
| 1 | 179883 |
| 2 | 186337 |
| 3 | 186374 |
| 4 | 186378 |
| 5 | 186379 |
| 6 | 186381 |
| 7 | 186383 |
| 8 | 186385 |
| 9 | 186429 |
| 10 | 186443 |
| 11 | 186450 |
| 12 | 186455 |
| 13 | 186456 |
| 14 | 180001 |
| 15 | 186466 |

grupa 3

| | |
|----|--------|
| 1 | 186339 |
| 2 | 186341 |
| 3 | 186352 |
| 4 | 186362 |
| 5 | 186363 |
| 6 | 179899 |
| 7 | 186370 |
| 8 | 186371 |
| 9 | 186372 |
| 10 | 179907 |
| 11 | 186386 |
| 12 | 186390 |
| 13 | 186392 |
| 14 | 186399 |
| 15 | 186421 |
| 16 | 186436 |
| 17 | 186433 |
| 18 | 186435 |

grupa 4

| | |
|----|--------|
| 1 | 186333 |
| 2 | 178668 |
| 3 | 186336 |
| 4 | 186365 |
| 5 | 186369 |
| 6 | 186404 |
| 7 | 186413 |
| 8 | 186425 |
| 9 | 186426 |
| 10 | 179961 |
| 11 | 186448 |
| 12 | 186451 |
| 13 | 186452 |
| 14 | 186458 |
| 15 | 186465 |
| 16 | 186467 |

Marketing żywności

grupa 1

| | |
|----|--------|
| 1 | 179883 |
| 2 | 186334 |
| 3 | 186335 |
| 4 | 186338 |
| 5 | 186344 |
| 6 | 186345 |
| 7 | 186348 |
| 8 | 186347 |
| 9 | 169994 |
| 10 | 186362 |
| 11 | 186363 |
| 12 | 179899 |
| 13 | 186365 |
| 14 | 186369 |
| 15 | 186370 |
| 16 | 186371 |
| 17 | 186372 |
| 18 | 186374 |
| 19 | 186413 |
| 20 | 186421 |
| 21 | 186425 |
| 22 | 186426 |
| 23 | 168092 |

grupa 2

| | |
|----|--------|
| 1 | 186351 |
| 2 | 186358 |
| 3 | 186360 |
| 4 | 186366 |
| 5 | 186380 |
| 6 | 186382 |
| 7 | 186387 |
| 8 | 186395 |
| 9 | 186396 |
| 10 | 173799 |
| 11 | 86414 |
| 12 | 186418 |
| 13 | 186107 |
| 14 | 186434 |
| 15 | 186440 |
| 16 | 186449 |
| 17 | 168924 |
| 18 | 189131 |
| 19 | 186473 |
| 20 | 186477 |
| 21 | 186480 |

grupa 3

| | |
|----|--------|
| 1 | 186331 |
| 2 | 186336 |
| 3 | 181156 |
| 4 | 179288 |
| 5 | 186352 |
| 6 | 186357 |
| 7 | 186384 |
| 8 | 186392 |
| 9 | 186399 |
| 10 | 186400 |
| 11 | 186408 |
| 12 | 186417 |
| 13 | 186419 |
| 14 | 186438 |
| 15 | 186441 |
| 16 | 186442 |
| 17 | 186448 |
| 18 | 186451 |
| 19 | 186454 |
| 20 | 180001 |
| 21 | 186472 |
| 22 | 186479 |

Media w upowszechnianiu wiedzy

grupa 1

| | |
|----|--------|
| 1 | 186334 |
| 2 | 186338 |
| 3 | 186339 |
| 4 | 186343 |
| 5 | 186344 |
| 6 | 186345 |
| 7 | 186348 |
| 8 | 186347 |
| 9 | 179899 |
| 10 | 186365 |
| 11 | 186369 |
| 12 | 186371 |
| 13 | 186382 |
| 14 | 173799 |
| 15 | 186421 |
| 16 | 186425 |
| 17 | 186107 |
| 18 | 186440 |
| 19 | 168092 |
| 20 | 168924 |

grupa 2

| | |
|----|--------|
| 1 | 179883 |
| 2 | 186335 |
| 3 | 169994 |
| 4 | 186351 |
| 5 | 186358 |
| 6 | 186360 |
| 7 | 186362 |
| 8 | 186363 |
| 9 | 186366 |
| 10 | 186370 |
| 11 | 186372 |
| 12 | 186374 |
| 13 | 186380 |
| 14 | 186413 |
| 15 | 186414 |
| 16 | 186418 |
| 17 | 186426 |
| 18 | 186434 |
| 19 | 186449 |
| 20 | 189131 |

grupa 3

| | |
|----|--------|
| 1 | 186368 |
| 2 | 186373 |
| 3 | 186388 |
| 4 | 186390 |
| 5 | 179797 |
| 6 | 179923 |
| 7 | 186403 |
| 8 | 186404 |
| 9 | 186406 |
| 10 | 186407 |
| 11 | 186409 |
| 12 | 173809 |
| 13 | 186422 |
| 14 | 179961 |
| 15 | 186429 |
| 16 | 186436 |
| 17 | 186443 |
| 18 | 186450 |
| 19 | 186452 |
| 20 | 186467 |

Systemy jakości produkcji żywności

| grupa 1 | |
|---------|--------|
| 1 | 186333 |
| 2 | 186340 |
| 3 | 186376 |
| 4 | 181170 |
| 5 | 186386 |
| 6 | 186392 |
| 7 | 186399 |
| 8 | 186424 |
| 9 | 186428 |
| 10 | 186429 |
| 11 | 186430 |
| 12 | 186433 |
| 13 | 179970 |
| 14 | 186435 |
| 15 | 179981 |
| 16 | 186448 |
| 17 | 186451 |
| 18 | 186455 |
| 19 | 168092 |
| 20 | 186466 |

| grupa 2 | |
|---------|--------|
| 1 | 178668 |
| 2 | 186337 |
| 3 | 186341 |
| 4 | 186342 |
| 5 | 181395 |
| 6 | 186349 |
| 7 | 169994 |
| 8 | 186352 |
| 9 | 186357 |
| 10 | 186363 |
| 11 | 179899 |
| 12 | 186372 |
| 13 | 179907 |
| 14 | 186378 |
| 15 | 186379 |
| 16 | 186381 |
| 17 | 186383 |
| 18 | 186384 |
| 19 | 186385 |
| 20 | 186387 |
| 21 | 186390 |
| 22 | 186404 |
| 23 | 173799 |

Problemy rozwoju usług gastronomicznych i hotelarskich w Polsce

| grupa 1 | |
|---------|--------|
| 1 | 186331 |
| 2 | 186333 |
| 3 | 178668 |
| 4 | 186338 |
| 5 | 186339 |
| 6 | 186343 |
| 7 | 186344 |
| 8 | 186345 |
| 9 | 179288 |
| 10 | 186349 |
| 11 | 186352 |
| 12 | 179899 |
| 13 | 186365 |
| 14 | 186369 |
| 15 | 186371 |
| 16 | 179907 |
| 17 | 186375 |
| 18 | 186376 |
| 19 | 186382 |
| 20 | 186390 |
| 21 | 186400 |
| 22 | 186404 |
| | |

| grupa 2 | |
|---------|--------|
| 1 | 179923 |
| 2 | 179937 |
| 3 | 173799 |
| 4 | 173809 |
| 5 | 186421 |
| 6 | 186422 |
| 7 | 186425 |
| 8 | 186107 |
| 9 | 186436 |
| 10 | 186440 |
| 11 | 186443 |
| 12 | 186450 |
| 13 | 186452 |
| 14 | 186456 |
| 15 | 168092 |
| 16 | 186458 |
| 17 | 168924 |
| 18 | 186462 |
| 19 | 186465 |
| 20 | 186467 |
| 21 | 186473 |
| 22 | 186477 |
| 23 | 186480 |
| | |

Zarządzanie relacjami z klientem

| | |
|----|--------|
| 1 | 186344 |
| 2 | 179288 |
| 3 | 186370 |
| 4 | 186382 |
| 5 | 179797 |
| 6 | 186394 |
| 7 | 186395 |
| 8 | 186397 |
| 9 | 186403 |
| 10 | 186406 |
| 11 | 186407 |
| 12 | 179937 |
| 13 | 186409 |
| 14 | 173799 |
| 15 | 173809 |
| 16 | 186421 |
| 17 | 186425 |
| 18 | 186434 |
| 19 | 168924 |
| 20 | 186472 |
| 21 | 186473 |
| 22 | 186477 |
| 23 | 186479 |
| 24 | 186480 |