Numerical Expressions Worksheets Grade 5: Printable Practice and Answer Keys

Easy Numerical Expressions Practice

Q1. 18 + 7 = _____

Q2. 34 - 9 = _____

Q3. 6 × 4 = _____

Q4. 48 ÷ 6 = _____

Q5. (12 + 5) × 2 = _____

Q6. 40 - (8 + 7) = _____

Q7. 9 × (3 + 2) = _____

Q8. 56 ÷ (4 + 3) = _____

Q9. 27 + 6 × 3 = _____

Q10. (30 - 12) ÷ 3 = _____

Q11. 5 × 7 + 8 = _____

Q12. 64 ÷ 8 + 6 = _____

Q13. 42 - 4 × 5 = _____

Q14. (16 + 8) ÷ 4 = _____

Q15. 3 × 9 - 11 = _____

Q16. 72 ÷ 9 + 13 = _____

Q17. 25 + 18 ÷ 3 = _____

Q18. (14 - 6) × 5 = _____

Q19. 8 × 6 - 17 = _____

Q20. 81 ÷ 9 + 24 = _____

Q21. 7 + 5 × 6 = _____

Q22. (22 + 14) ÷ 6 = _____

Q23. 50 - 6 × 4 = _____

Q24. 4 × (8 + 6) = _____

Q25. 90 ÷ (5 × 3) = _____

Q26. 36 ÷ 4 + 19 = _____

Q27. (45 - 21) ÷ 4 = _____

Q28. 6 × 8 + 15 = _____

Q29. 100 - 9 × 7 = _____

Q30. (11 + 13) × 3 = _____

Medium Numerical Expressions Practice

Q1. 125 - 6 × 14 = _____

Q2. (48 + 36) ÷ 7 = _____

Q3. 9 × (25 - 17) + 6 = _____

Q4. 144 ÷ 12 + 8 × 3 = _____

Q5. (72 - 24) ÷ 6 + 19 = _____

Q6. 15 + 96 ÷ 8 × 2 = _____

Q7. 7 × (18 + 9) - 35 = _____

Q8. 200 - (16 × 7 + 28) = _____

Q9. (135 ÷ 9) × (14 - 8) = _____

Q10. 84 ÷ (3 × 4) + 27 = _____

Q11. 11 × 12 - 5 × 9 = _____

Q12. (63 + 45) ÷ 9 × 4 = _____

Q13. 250 - 8 × (17 + 6) = _____

Q14. 18 × 5 + 126 ÷ 7 = _____

Q15. (160 - 64) ÷ 8 + 31 = _____

Q16. 6 × 14 + 180 ÷ 9 = _____

Q17. 300 ÷ (15 - 5) + 22 = _____

Q18. 13 × (20 - 7) + 16 = _____

Q19. 225 - 144 ÷ 12 × 5 = _____

Q20. (96 ÷ 8 + 14) × 3 = _____

Q21. 17 + 9 × 8 - 26 = _____

Q22. 420 ÷ 7 - 4 × 6 = _____

Q23. (84 - 28) ÷ 7 + 45 = _____

Q24. 12 × 9 + 168 ÷ 14 = _____

Q25. 500 - 16 × 18 = _____

Q26. (125 + 55) ÷ 6 + 19 = _____

Q27. 8 × (42 ÷ 6 + 11) = _____

Q28. 360 ÷ 9 - 7 × 3 = _____

Q29. (210 - 90) ÷ 5 × 2 = _____

Q30. 24 × 6 - 196 ÷ 7 = _____

Advanced Numerical Expressions Practice

Q1. 480 ÷ [6 × (9 - 5)] + 37 = _____

Q2. (325 - 85) ÷ (16 - 8) × 3 = _____

Q3. 720 ÷ (18 + 6) + 14 × 5 = _____

Q4. 900 - [8 × (42 + 18) + 75] = _____

Q5. (156 ÷ 12 + 17) × (30 - 26) = _____

Q6. 1,200 ÷ [5 × (14 - 6)] + 29 = _____

Q7. 640 - [216 ÷ (12 - 3) × 7] = _____

Q8. (450 - 126) ÷ 9 + 8 × 13 = _____

Q9. 24 × [63 ÷ (12 - 3)] - 41 = _____

Q10. [560 ÷ (16 - 8)] × (21 - 15) = _____

Q11. 1,000 - [18 × 24 + 96 ÷ 8] = _____

Q12. (288 ÷ 16 + 22) × 5 - 39 = _____

Q13. 840 ÷ [7 × (15 - 9)] + 46 = _____

Q14. [(96 + 144) ÷ 12] × (19 - 11) = _____

Q15. 750 - [360 ÷ (15 - 5) × 8] = _____

Q16. (625 - 145) ÷ [4 × (12 - 8)] = _____

Q17. 36 × (84 ÷ 7 - 5) + 18 = _____

Q18. 1,080 ÷ (27 - 9) + 16 × 7 = _____

Q19. [420 ÷ (14 - 7) + 25] × 2 = _____

Q20. 960 - [15 × (32 + 8) - 120] = _____

Q21. (540 ÷ 9 - 24) × (18 ÷ 6) = _____

Q22. 1,500 ÷ [10 × (20 - 5)] + 64 = _____

Q23. [(315 - 75) ÷ 8] × (17 - 9) = _____

Q24. 680 - [144 ÷ 12 + 19 × 23] = _____

Q25. (432 ÷ 18 + 16) × (25 - 20) = _____

Q26. 1,260 ÷ [7 × (16 - 10)] + 33 = _____

Q27. 48 × [72 ÷ (15 - 6)] - 100 = _____

Q28. (960 - 240) ÷ (18 - 6) + 51 = _____

Q29. 2,000 - [24 × 35 + 560 ÷ 14] = _____

Q30. [720 ÷ (24 - 12)] × (16 - 9) - 85 = _____

Mixed Numerical Expressions Practice

Q1. 14 + 6 × 9 = _____

Q2. (81 - 45) ÷ 6 = _____

Q3. 7 × (16 + 8) - 50 = _____

Q4. 360 ÷ 12 + 19 = _____

Q5. 500 - 24 × 13 = _____

Q6. (144 ÷ 9 + 11) × 4 = _____

Q7. 8 × [42 ÷ (9 - 3)] + 17 = _____

Q8. 225 ÷ 5 - 6 × 4 = _____

Q9. (96 - 32) ÷ 8 + 7 × 6 = _____

Q10. 15 × 12 - 168 ÷ 8 = _____

Q11. 640 ÷ (20 - 4) + 29 = _____

Q12. (75 + 45) ÷ 10 × 7 = _____

Q13. 900 - [14 × 25 + 50] = _____

Q14. 6 × (35 - 18) + 44 = _____

Q15. 1,000 ÷ 25 + 8 × 11 = _____

Q16. (210 ÷ 7 - 12) × 5 = _____

Q17. 480 - 9 × (32 + 8) = _____

Q18. [180 ÷ (15 - 5)] + 63 = _____

Q19. 17 × 6 + 288 ÷ 12 = _____

Q20. (420 - 180) ÷ 8 + 16 = _____

Q21. 72 ÷ 8 × (19 - 12) = _____

Q22. 750 ÷ 15 + 13 × 4 = _____

Q23. [(64 + 56) ÷ 8] × 9 = _____

Q24. 1,200 - 36 × 25 = _____

Q25. 84 ÷ (14 - 7) + 8 × 9 = _____

Q26. (320 ÷ 8 - 15) × 3 = _____

Q27. 560 - [144 ÷ 6 + 17 × 12] = _____

Q28. 25 × (48 ÷ 6) - 73 = _____

Q29. 960 ÷ [4 × (18 - 6)] + 52 = _____

Q30. (630 - 270) ÷ 9 + 5 × 14 = _____

Numerical Expressions Worksheets Grade 5: Word Problems

Directions: Write a numerical expression for each situation, then evaluate it to find the exact quantity asked for. Include units when appropriate.

Easy Numerical Expressions Word Problems

Q1. Mia has 4 packs of stickers with 6 stickers in each pack, then gets 5 more. How many stickers does she have?

Q2. A class collects 28 cans on Monday and 17 on Tuesday. They place the cans equally into 5 bins. How many cans go in each bin?

Q3. Noah reads 12 pages each day for 3 days, then reads 8 more pages. How many pages does he read?

Q4. A coach has 40 cones and gives 6 cones to each of 5 teams. How many cones remain?

Q5. Four tables each seat 6 students. Then 3 students join. How many students are there?

Q6. A baker puts 24 muffins equally into 4 boxes and adds 2 muffins to each box. How many muffins are in each box?

Q7. Lena saves $7 each week for 5 weeks and spends $9. How many dollars does she have left?

Q8. A library has 36 new books and 18 donated books. Staff place them equally on 6 shelves. How many books go on each shelf?

Q9. A gardener plants 8 rows of 5 flowers and adds 4 more flowers. How many flowers are planted?

Q10. There are 50 tickets. A teacher gives 7 tickets to each of 6 students. How many tickets remain?

Q11. Evan practices piano for 15 minutes on 4 days and 10 minutes on Saturday. How many minutes does he practice?

Q12. A shop packs 32 pencils into 4 cups equally, then adds 3 pencils to each cup. How many pencils are in each cup?

Q13. Six buses carry 9 students each. Two more students ride in a car. How many students travel?

Q14. A ribbon is 45 inches long. A crafter cuts off 5 pieces, each 6 inches long. How many inches remain?

Q15. A team scores 8 points in each of 3 quarters and 6 points in the last quarter. What is its total score?

Q16. A farmer gathers 42 eggs and packs them equally into 7 cartons. How many eggs go in each carton?

Q17. A movie theater has 5 rows with 8 seats each. If 7 seats are empty, how many seats are occupied?

Q18. Sam buys 3 notebooks for $4 each and a pen for $2. How many dollars does he spend?

Q19. A 48-ounce pitcher fills 6 equal cups. How many ounces are in each cup?

Q20. A club has 19 members and welcomes 13 more. They form 4 equal groups. How many members are in each group?

Q21. A store displays 7 shelves with 6 toy cars each, plus 9 cars in a bin. How many cars are displayed?

Q22. Priya has 60 beads and uses 8 beads for each of 5 bracelets. How many beads remain?

Q23. A school orders 4 cartons of 12 markers and receives 5 extra markers. How many markers arrive?

Q24. Thirty-six students split into 6 equal teams. Then 2 students join each team. How many students are on each team?

Q25. A runner jogs 3 miles each day for 4 days and walks 2 more miles. How many miles does the runner cover?

Q26. A box holds 54 crayons shared equally among 9 children. How many crayons does each child get?

Q27. A pet shelter has 8 cages with 3 kittens each, then takes in 4 more kittens. How many kittens are there?

Q28. A student has 35 cards and gives 4 cards to each of 6 friends. How many cards remain?

Q29. A school garden has 5 beds with 9 plants each. Volunteers add 7 plants. How many plants are there?

Q30. A baker shares 64 cookies equally among 8 trays, then places 1 extra cookie on each tray. How many cookies are on each tray?

Medium Numerical Expressions Word Problems

Q1. A museum sells 8 group tickets at $12 each and 15 student tickets at $6 each. How many dollars does it collect?

Q2. A school orders 240 notebooks. It gives 18 notebooks to each of 9 classrooms. How many notebooks remain?

Q3. A trail is 36 miles long. A hiker completes 8 miles each day for 3 days. How many miles are left?

Q4. A baker makes 14 trays of 16 rolls and packs them equally into 8 boxes. How many rolls go in each box?

Q5. A theater has 18 rows of 24 seats. If 75 seats are empty, how many seats are filled?

Q6. A team earns 25 points in each of 4 games, then loses 18 points for a penalty. What is its adjusted total?

Q7. A store receives 12 cases with 24 bottles each. Workers sell 95 bottles. How many bottles remain?

Q8. A camp divides 156 campers into 6 cabins equally, then 4 counselors join each cabin. How many people are in each cabin?

Q9. A printer makes 35 pages per minute for 8 minutes, then prints 60 more pages. How many pages does it print?

Q10. A farmer packs 360 apples into bags of 12 and sells 17 bags. How many bags remain?

Q11. A school buys 7 boxes of 48 pencils and distributes 125 pencils. How many pencils are left?

Q12. A cyclist rides 18 miles in the morning and 14 miles in the afternoon for 5 days. How many miles does the cyclist ride?

Q13. A fundraiser earns $425 on Friday and $385 on Saturday. The money is shared equally among 9 clubs. How many dollars does each club receive?

Q14. A warehouse has 15 shelves with 32 games each. It ships 6 cartons of 25 games. How many games remain?

Q15. A class reads 28 pages per day for 6 days. The book has 250 pages. How many pages remain unread?

Q16. A bus company uses 9 buses with 42 seats each. If 68 seats are empty, how many passengers ride?

Q17. A shop buys 16 packs of 15 erasers and divides them equally among 12 classrooms. How many erasers does each class get?

Q18. A swimming club practices 45 minutes on 4 weekdays and 60 minutes on Saturday. How many minutes do members practice?

Q19. A library removes 125 damaged books from 8 shelves holding 36 books each. How many books remain?

Q20. A delivery truck carries 24 crates with 18 oranges each. It drops off 9 crates. How many oranges remain on the truck?

Q21. A school has 540 students. They form teams of 9, then 4 teams combine for an event. How many students are in the combined group?

Q22. A craft club buys 11 rolls of ribbon, each 25 yards long. It uses 138 yards. How many yards remain?

Q23. A stadium sells 325 tickets in each of 4 sections and refunds 78 tickets. How many tickets remain sold?

Q24. A gardener plants 16 rows of 18 bulbs, then adds 45 bulbs along a path. How many bulbs are planted?

Q25. A shop has 960 trading cards. It packs 24 cards per envelope and sells 27 envelopes. How many envelopes remain?

Q26. A family drives 185 miles each day for 3 days, then 125 miles on the fourth day. How many miles do they drive?

Q27. A school buys 14 tables at $85 each and 6 chairs at $25 each. What is the total cost in dollars?

Q28. A fruit stand has 18 crates with 27 pears each. It sells 156 pears. How many pears remain?

Q29. A coach splits 288 players into 8 equal groups. Then 5 players leave each group. How many players remain in each group?

Q30. A concert hall has 22 rows of 30 seats. Organizers reserve 85 seats. How many seats are available to the public?

Advanced Numerical Expressions Word Problems

Q1. A science center sells 18 family passes for $35 each and 42 student passes for $12 each. What is the total revenue?

Q2. A warehouse stores 24 pallets with 36 boxes each. Workers ship 275 boxes in the morning and 198 later. How many boxes remain?

Q3. A school orders 1,260 pencils. It distributes 18 pencils to each of 45 classrooms. How many pencils remain?

Q4. A hiking group covers 14 miles each day for 5 days and 9 miles on the final day. Their route is 100 miles. How many miles remain?

Q5. A theater sells 16 blocks of 28 tickets at $9 each. It refunds $315. How many dollars does it keep?

Q6. A factory packs 2,400 buttons into bags of 25. It ships 38 bags. How many bags are left?

Q7. A camp has 360 campers divided equally among 12 cabins. Each cabin has 3 counselors. How many people are in all cabins?

Q8. A charity collects 28 boxes with 45 cans each and 16 boxes with 32 cans each. How many cans are collected?

Q9. A bookstore has 1,500 bookmarks. It gives 24 bookmarks to each of 38 classes. How many bookmarks remain?

Q10. A sports club charges 32 players $18 each and spends $275 on equipment. How many dollars remain?

Q11. A farmer harvests 36 baskets of 28 peaches. The farmer packs 14 peaches per bag. How many full bags can be filled?

Q12. A school auditorium has 25 rows of 32 seats. If 147 seats are unoccupied, how many people attend?

Q13. A delivery service makes 18 trips carrying 42 packages each. It delivers 695 packages. How many packages are still on the trucks?

Q14. A reading challenge awards 15 points per book for 24 books and 8 bonus points for each of 6 weeks. What is the total?

Q15. A garden center receives 45 trays with 24 seedlings each. It sells 17 groups of 36 seedlings. How many seedlings remain?

Q16. A school buys 18 cases of 48 juice boxes. Students drink 125 boxes on Monday and 148 on Tuesday. How many remain?

Q17. A runner completes 6 laps of a 400-meter track each morning for 5 mornings. How many meters does the runner complete?

Q18. A craft store has 960 beads. It puts 16 beads in each kit and sells 43 kits. How many beads remain?

Q19. A bus company schedules 14 buses with 48 seats for 3 trips. If 1,825 passenger seats are used, how many seats remain unused?

Q20. A fundraiser sells 125 meal tickets at $14 and 86 snack tickets at $5. What is the total amount collected?

Q21. A print shop makes 32 posters per hour for 7 hours. It packs 24 posters in each tube. How many full tubes can it fill?

Q22. A wildlife center feeds 18 animals 3 pounds of food each day for 12 days. How many pounds of food are needed?

Q23. A store receives 35 cartons with 24 jars each. It sells 468 jars and then receives 8 cartons more. How many jars does it have?

Q24. A school collects 1,440 cans. Students place 18 cans in each display box and donate 52 boxes. How many cans remain?

Q25. A coach orders 15 uniforms at $28 each and 15 pairs of socks at $6 each. The team receives a $50 discount. What is the final cost?

Q26. A park plants 24 trees in each of 16 rows. A storm damages 37 trees. How many trees remain standing?

Q27. A bakery makes 28 batches of 36 cookies. It boxes 24 cookies per box and donates 9 boxes. How many boxes are left to sell?

Q28. A science class has 840 grams of soil. It uses 35 grams for each of 18 samples. How many grams remain?

Q29. A stadium sells 32 rows of 26 seats for $7 each. It refunds $364. How many dollars does it keep?

Q30. A community center runs 8 classes with 18 students each in the morning and 6 classes with 15 students each later. How many students attend?

Mixed Numerical Expressions Word Problems

Q1. A school buys 9 packs of 24 markers and shares them among 6 grade-level teams. How many markers does each team get?

Q2. A farm has 18 rows of 15 corn plants. A deer eats 27 plants. How many plants remain?

Q3. A museum welcomes 125 visitors in the morning and 4 groups of 38 visitors later. How many visitors come altogether?

Q4. A club raises $240 on Monday and $360 on Tuesday. It divides the money equally among 5 projects. How many dollars go to each project?

Q5. A toy store stocks 14 shelves with 18 puzzles each. It sells 96 puzzles. How many puzzles remain?

Q6. A bus travels 42 miles per trip for 6 trips, then travels 18 more miles. How many miles does it travel?

Q7. A teacher has 168 sheets of paper and gives 12 sheets to each student. How many students receive paper?

Q8. A team scores 16 points in each of 5 games and earns 12 bonus points. What is its total?

Q9. A library has 720 books arranged equally on 9 carts. Staff add 8 books to each cart. How many books are on each cart?

Q10. A shop sells 25 lunch boxes at $14 each and 18 water bottles at $8 each. How many dollars does it collect?

Q11. A gardener plants 12 groups of 14 tulips and removes 25 damaged bulbs. How many tulips remain?

Q12. A camp has 216 campers split into 9 teams. Then 3 leaders join each team. How many people are on each team?

Q13. A theater has 16 rows of 22 seats. If 58 seats are empty, how many seats are occupied?

Q14. A student saves $18 each week for 8 weeks and spends $45. How many dollars remain?

Q15. A store receives 20 cartons with 36 juice boxes each. It sells 275 boxes. How many remain?

Q16. A baker packs 252 rolls equally into 7 baskets, then adds 5 rolls to each basket. How many rolls are in each basket?

Q17. A school orders 13 boxes of 28 notebooks and receives 16 extra notebooks. How many notebooks arrive?

Q18. A cyclist rides 24 miles each day for 4 days and 17 miles on Sunday. What is the total distance?

Q19. A craft group has 500 beads. It uses 18 beads for each of 12 necklaces. How many beads remain?

Q20. A stadium sells 15 sections of 32 seats. If 125 seats are empty, how many tickets are used?

Q21. A delivery truck carries 840 oranges in 12 crates. Workers unload 5 crates. How many oranges remain?

Q22. A class earns 9 points for each of 18 books read and 25 extra points. What is the class score?

Q23. A shop buys 8 packs of 35 batteries and sells 96 batteries. How many batteries remain?

Q24. A swimming pool fills at 45 gallons per minute for 12 minutes. It drains 120 gallons. How many gallons remain?

Q25. A school has 432 students in 12 equal groups. Four students from each group join a club. How many students join?

Q26. A farmer collects 17 baskets with 24 apples each and 13 baskets with 18 pears each. How many pieces of fruit are collected?

Q27. A bookstore has 950 pencils and places 25 pencils in each display cup. How many full cups can it fill?

Q28. A team buys 12 jerseys at $26 each and 12 hats at $9 each. What is the total cost?

Q29. A school bus makes 7 trips carrying 38 students each. If 19 students leave early, how many students complete the trips?

Q30. A community garden has 15 beds with 16 plants each. Volunteers add 28 plants and then give away 40. How many plants remain?

Numerical Expressions Worksheets Grade 5: FAQs and Conclusion

Frequently Asked Questions

What is a numerical expression in Grade 5?

A numerical expression is a mathematical phrase made with numbers and operation symbols. It may also include parentheses, brackets, or braces.

What order should students use to evaluate expressions?

Students evaluate grouping symbols first. Then they multiply or divide from left to right, followed by addition or subtraction from left to right.

Do these worksheets include word problems?

Yes. The four word-problem levels connect numerical expressions to school, shopping, sports, books, nature, and everyday situations.

Which Common Core standards do these worksheets support?

The main standards are 5.OA.A.1 and 5.OA.A.2. They address evaluating expressions with grouping symbols and writing or interpreting numerical expressions.

Conclusion

Consistent practice helps fifth graders understand how numerical expressions represent calculations. Start with the easy page, then move toward advanced and mixed problems as skills grow. Explore more printable math resources at Math Obsession to keep learning moving forward.

Numerical Expressions Worksheets Grade 5: Answer Keys

Use these compact tables to check each response. Word-problem answers include the requested quantity or unit where useful.

Easy Numerical Expressions Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	25	2	25	3	24
4	8	5	34	6	25
7	45	8	8	9	45
10	6	11	43	12	14
13	22	14	6	15	16
16	21	17	31	18	40
19	31	20	33	21	37
22	6	23	26	24	56
25	6	26	28	27	6
28	63	29	37	30	72

Medium Numerical Expressions Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	41	2	12	3	78
4	36	5	27	6	39
7	154	8	60	9	90
10	34	11	87	12	48
13	66	14	108	15	43
16	104	17	52	18	185
19	165	20	78	21	63
22	36	23	53	24	120
25	212	26	49	27	144
28	19	29	48	30	116

Advanced Numerical Expressions Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	57	2	90	3	100
4	345	5	120	6	59
7	472	8	140	9	127
10	420	11	556	12	161
13	66	14	160	15	462
16	30	17	270	18	172
19	170	20	480	21	108
22	74	23	240	24	231
25	200	26	63	27	284
28	111	29	1120	30	335

Mixed Numerical Expressions Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	68	2	6	3	118
4	49	5	188	6	108
7	73	8	21	9	50
10	159	11	69	12	84
13	500	14	146	15	128
16	90	17	120	18	81
19	126	20	46	21	63
22	102	23	135	24	300
25	84	26	75	27	332
28	127	29	72	30	110

Easy Numerical Expressions Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	29	2	9	3	44
4	10	5	27	6	8
7	26	8	9	9	44
10	8	11	70	12	11
13	56	14	15	15	30

16	6	17	33	18	14
19	8	20	8	21	51
22	20	23	53	24	8
25	14	26	6	27	28
28	11	29	52	30	9

Medium Numerical Expressions Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	186	2	78	3	12
4	28	5	357	6	82
7	193	8	30	9	340
10	13	11	211	12	160
13	90	14	330	15	82
16	310	17	20	18	240
19	163	20	270	21	36
22	137	23	1222	24	333
25	13	26	680	27	1340
28	330	29	31	30	575

Advanced Numerical Expressions Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	1134	2	391	3	450
4	21	5	3717	6	58
7	396	8	1772	9	588
10	301	11	72	12	653
13	61	14	408	15	468
16	591	17	12000	18	272
19	191	20	2180	21	9
22	648	23	564	24	504
25	460	26	347	27	33
28	210	29	5460	30	234

Mixed Numerical Expressions Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	36	2	243	3	277
4	120	5	156	6	270
7	14	8	92	9	88
10	494	11	143	12	27
13	294	14	99	15	445
16	41	17	380	18	113
19	284	20	355	21	490
22	187	23	184	24	420
25	48	26	642	27	38
28	420	29	247	30	228