Order of Operations Worksheets Grade 5: Printable Practice

Easy Order of Operations Practice

Solve each expression. Show your steps.

Q1. 6 + 10 × 11 = _____

Q2. 29 − 3 × 7 = _____

Q3. 3 × 15 + 14 = _____

Q4. 192 ÷ 16 + 9 = _____

Q5. 2 + 11 × 10 = _____

Q6. 45 − 15 × 2 = _____

Q7. 10 × 3 + 14 = _____

Q8. 121 ÷ 11 + 9 = _____

Q9. 7 + 4 × 14 = _____

Q10. 27 − 10 × 2 = _____

Q11. 7 × 7 + 12 = _____

Q12. 36 ÷ 18 + 12 = _____

Q13. 4 + 12 × 14 = _____

Q14. 23 − 4 × 4 = _____

Q15. 14 × 12 + 10 = _____

Q16. 54 ÷ 6 + 17 = _____

Q17. 5 + 10 × 18 = _____

Q18. 39 − 6 × 5 = _____

Q19. 2 × 10 + 5 = _____

Q20. 64 ÷ 16 + 17 = _____

Q21. 5 + 14 × 7 = _____

Q22. 41 − 10 × 3 = _____

Q23. 17 × 12 + 2 = _____

Q24. 24 ÷ 4 + 16 = _____

Q25. 17 + 18 × 8 = _____

Q26. 46 − 8 × 5 = _____

Q27. 7 × 6 + 14 = _____

Q28. 54 ÷ 9 + 3 = _____

Q29. 14 + 16 × 7 = _____

Q30. 19 − 2 × 7 = _____

Medium Order of Operations Practice

Solve each expression. Show your steps.

Q1. (18 + 18) × 14 = _____

Q2. 11 + 13 × 14 − 4 = _____

Q3. 5 × (7 + 12) − 9 = _____

Q4. 204 ÷ 12 + 6 × 11 = _____

Q5. (15 + 5) × 11 = _____

Q6. 2 + 6 × 2 − 9 = _____

Q7. 4 × (8 + 9) − 16 = _____

Q8. 72 ÷ 9 + 9 × 12 = _____

Q9. (10 + 5) × 5 = _____

Q10. 18 + 10 × 10 − 4 = _____

Q11. 4 × (2 + 7) − 14 = _____

Q12. 255 ÷ 17 + 6 × 18 = _____

Q13. (12 + 10) × 12 = _____

Q14. 3 + 16 × 10 − 9 = _____

Q15. 12 × (11 + 4) − 9 = _____

Q16. 272 ÷ 17 + 15 × 9 = _____

Q17. (10 + 13) × 11 = _____

Q18. 4 + 4 × 12 − 13 = _____

Q19. 8 × (9 + 4) − 17 = _____

Q20. 42 ÷ 7 + 11 × 13 = _____

Q21. (9 + 2) × 17 = _____

Q22. 17 + 12 × 9 − 13 = _____

Q23. 14 × (15 + 5) − 5 = _____

Q24. 40 ÷ 10 + 16 × 17 = _____

Q25. (7 + 8) × 13 = _____

Q26. 14 + 5 × 10 − 14 = _____

Q27. 16 × (11 + 5) − 2 = _____

Q28. 80 ÷ 16 + 7 × 6 = _____

Q29. (13 + 10) × 8 = _____

Q30. 5 + 10 × 13 − 5 = _____

Advanced Order of Operations Practice

Solve each expression. Show your steps.

Q1. (3 + 11) × (16 − 1) = _____

Q2. 144 ÷ 9 × 11 − 7 = _____

Q3. 13 × (4 + 10) − (16 + 2) = _____

Q4. (13 + 13 × 16) − 16 × 2 = _____

Q5. (18 + 6) × (9 − 1) = _____

Q6. 72 ÷ 18 × 16 − 14 = _____

Q7. 16 × (17 + 18) − (5 + 2) = _____

Q8. (14 + 11 × 12) − 15 × 2 = _____

Q9. (18 + 16) × (13 − 1) = _____

Q10. 156 ÷ 13 × 3 − 8 = _____

Q11. 9 × (17 + 13) − (2 + 2) = _____

Q12. (18 + 13 × 16) − 6 × 2 = _____

Q13. (4 + 4) × (10 − 1) = _____

Q14. 22 ÷ 2 × 7 − 17 = _____

Q15. 9 × (7 + 7) − (10 + 2) = _____

Q16. (8 + 11 × 2) − 12 × 2 = _____

Q17. (16 + 12) × (12 − 1) = _____

Q18. 15 ÷ 5 × 16 − 11 = _____

Q19. 18 × (8 + 15) − (18 + 2) = _____

Q20. (18 + 7 × 17) − 12 × 2 = _____

Q21. (2 + 4) × (5 − 1) = _____

Q22. 126 ÷ 7 × 11 − 8 = _____

Q23. 12 × (16 + 8) − (8 + 2) = _____

Q24. (16 + 12 × 13) − 14 × 2 = _____

Q25. (11 + 5) × (17 − 1) = _____

Q26. 14 ÷ 7 × 5 − 8 = _____

Q27. 8 × (6 + 3) − (2 + 2) = _____

Q28. (17 + 13 × 12) − 18 × 2 = _____

Q29. (10 + 6) × (16 − 1) = _____

Q30. 22 ÷ 11 × 6 − 5 = _____

Mixed Order of Operations Practice

Solve each expression. Show your steps.

Q1. (6 + 4) × 16 − 12 = _____

Q2. 8 + 9 × (16 − 1) = _____

Q3. (36 ÷ 2 + 15) × 11 = _____

Q4. 3 × (15 + 4) − 7 = _____

Q5. (7 + 18) × 18 − 8 = _____

Q6. 5 + 4 × (3 − 1) = _____

Q7. (120 ÷ 10 + 17) × 3 = _____

Q8. 15 × (2 + 8) − 2 = _____

Q9. (8 + 14) × 2 − 15 = _____

Q10. 9 + 3 × (14 − 1) = _____

Q11. (144 ÷ 12 + 13) × 8 = _____

Q12. 11 × (5 + 16) − 11 = _____

Q13. (2 + 16) × 18 − 8 = _____

Q14. 5 + 17 × (8 − 1) = _____

Q15. (10 ÷ 2 + 18) × 18 = _____

Q16. 9 × (11 + 17) − 14 = _____

Q17. (14 + 7) × 17 − 5 = _____

Q18. 2 + 3 × (5 − 1) = _____

Q19. (144 ÷ 18 + 5) × 11 = _____

Q20. 13 × (2 + 17) − 7 = _____

Q21. (6 + 7) × 5 − 5 = _____

Q22. 14 + 13 × (17 − 1) = _____

Q23. (24 ÷ 8 + 17) × 14 = _____

Q24. 3 × (7 + 2) − 18 = _____

Q25. (7 + 5) × 17 − 15 = _____

Q26. 10 + 8 × (12 − 1) = _____

Q27. (18 ÷ 3 + 15) × 8 = _____

Q28. 11 × (15 + 9) − 3 = _____

Q29. (5 + 9) × 3 − 8 = _____

Q30. 18 + 9 × (16 − 1) = _____

Order of Operations Worksheets Grade 5: Real-World Word Problems

Read each story carefully. Write a numerical expression, solve it, and include the correct unit.

Easy Order of Operations Word Problems

Write an expression and solve each problem.

Q1. A classroom has 4 packs of 10 pencils and 7 loose pencils. How many pencils are there in all?

Q2. A theater has 6 rows with 7 seats in each row. If 10 seats are empty, how many seats are occupied?

Q3. A craft club makes 4 bracelets each day for 3 days. Members give away 7 bracelets. How many bracelets remain?

Q4. A baker fills 9 trays with 10 muffins per tray. After selling 15 muffins, how many are left?

Q5. A school orders 10 packs of 6 markers. The markers are shared equally among 12 classrooms. How many markers does each classroom receive?

Q6. A book fair starts with 9 boxes of 3 books. Volunteers set aside 3 books for display. How many remain in the boxes?

Q7. A store receives 7 cartons with 4 notebooks in each carton. It sells 7 notebooks. How many remain?

Q8. A museum gift shop puts 3 postcards in each of 13 display racks and adds 16 postcards near the register. How many postcards are on display?

Q9. A garden has 9 rows of 5 plants. A student adds 7 more plants. How many plants are there now?

Q10. A pet shelter prepares 6 bowls with 3 cups of food in each bowl, then adds 11 cups. How many cups of food are ready?

Q11. A coach buys 13 bags containing 10 tennis balls each, then shares them equally among 10 teams. How many balls does each team get?

Q12. A runner completes 11 laps each day for 4 days, then runs 11 extra laps. How many laps did the runner complete?

Q13. A classroom has 6 packs of 5 pencils and 7 loose pencils. How many pencils are there in all?

Q14. A theater has 14 rows with 3 seats in each row. If 17 seats are empty, how many seats are occupied?

Q15. A craft club makes 11 bracelets each day for 8 days. Members give away 7 bracelets. How many bracelets remain?

Q16. A baker fills 14 trays with 6 muffins per tray. After selling 17 muffins, how many are left?

Q17. A school orders 7 packs of 11 markers. The markers are shared equally among 11 classrooms. How many markers does each classroom receive?

Q18. A book fair starts with 4 boxes of 3 books. Volunteers set aside 3 books for display. How many remain in the boxes?

Q19. A store receives 9 cartons with 8 notebooks in each carton. It sells 15 notebooks. How many remain?

Q20. A museum gift shop puts 8 postcards in each of 6 display racks and adds 6 postcards near the register. How many postcards are on display?

Q21. A garden has 14 rows of 11 plants. A student adds 7 more plants. How many plants are there now?

Q22. A pet shelter prepares 14 bowls with 10 cups of food in each bowl, then adds 10 cups. How many cups of food are ready?

Q23. A coach buys 6 bags containing 3 tennis balls each, then shares them equally among 9 teams. How many balls does each team get?

Q24. A runner completes 9 laps each day for 6 days, then runs 16 extra laps. How many laps did the runner complete?

Q25. A classroom has 7 packs of 4 pencils and 2 loose pencils. How many pencils are there in all?

Q26. A theater has 7 rows with 12 seats in each row. If 18 seats are empty, how many seats are occupied?

Q27. A craft club makes 12 bracelets each day for 7 days. Members give away 8 bracelets. How many bracelets remain?

Q28. A baker fills 4 trays with 5 muffins per tray. After selling 17 muffins, how many are left?

Q29. A school orders 9 packs of 5 markers. The markers are shared equally among 15 classrooms. How many markers does each classroom receive?

Q30. A book fair starts with 6 boxes of 11 books. Volunteers set aside 4 books for display. How many remain in the boxes?

Medium Order of Operations Word Problems

Write an expression and solve each problem.

Q1. A baker fills 8 trays with 13 muffins per tray. After selling 15 muffins, how many are left?

Q2. A school orders 16 packs of 12 markers. The markers are shared equally among 8 classrooms. How many markers does each classroom receive?

Q3. A book fair starts with 12 boxes of 3 books. Volunteers set aside 11 books for display. How many remain in the boxes?

Q4. A store receives 16 cartons with 7 notebooks in each carton. It sells 16 notebooks. How many remain?

Q5. A museum gift shop puts 7 postcards in each of 12 display racks and adds 12 postcards near the register. How many postcards are on display?

Q6. A garden has 16 rows of 5 plants. A student adds 16 more plants. How many plants are there now?

Q7. A pet shelter prepares 6 bowls with 4 cups of food in each bowl, then adds 7 cups. How many cups of food are ready?

Q8. A coach buys 5 bags containing 6 tennis balls each, then shares them equally among 2 teams. How many balls does each team get?

Q9. A runner completes 14 laps each day for 8 days, then runs 18 extra laps. How many laps did the runner complete?

Q10. A classroom has 15 packs of 12 pencils and 13 loose pencils. How many pencils are there in all?

Q11. A theater has 10 rows with 3 seats in each row. If 11 seats are empty, how many seats are occupied?

Q12. A craft club makes 13 bracelets each day for 10 days. Members give away 4 bracelets. How many bracelets remain?

Q13. A baker fills 12 trays with 13 muffins per tray. After selling 18 muffins, how many are left?

Q14. A school orders 6 packs of 13 markers. The markers are shared equally among 3 classrooms. How many markers does each classroom receive?

Q15. A book fair starts with 14 boxes of 7 books. Volunteers set aside 2 books for display. How many remain in the boxes?

Q16. A store receives 14 cartons with 9 notebooks in each carton. It sells 17 notebooks. How many remain?

Q17. A museum gift shop puts 9 postcards in each of 9 display racks and adds 17 postcards near the register. How many postcards are on display?

Q18. A garden has 9 rows of 3 plants. A student adds 4 more plants. How many plants are there now?

Q19. A pet shelter prepares 12 bowls with 11 cups of food in each bowl, then adds 17 cups. How many cups of food are ready?

Q20. A coach buys 12 bags containing 12 tennis balls each, then shares them equally among 4 teams. How many balls does each team get?

Q21. A runner completes 16 laps each day for 5 days, then runs 16 extra laps. How many laps did the runner complete?

Q22. A classroom has 14 packs of 7 pencils and 14 loose pencils. How many pencils are there in all?

Q23. A theater has 11 rows with 11 seats in each row. If 18 seats are empty, how many seats are occupied?

Q24. A craft club makes 9 bracelets each day for 10 days. Members give away 3 bracelets. How many bracelets remain?

Q25. A baker fills 7 trays with 9 muffins per tray. After selling 9 muffins, how many are left?

Q26. A school orders 8 packs of 9 markers. The markers are shared equally among 6 classrooms. How many markers does each classroom receive?

Q27. A book fair starts with 11 boxes of 10 books. Volunteers set aside 6 books for display. How many remain in the boxes?

Q28. A store receives 13 cartons with 6 notebooks in each carton. It sells 14 notebooks. How many remain?

Q29. A museum gift shop puts 8 postcards in each of 5 display racks and adds 15 postcards near the register. How many postcards are on display?

Q30. A garden has 13 rows of 6 plants. A student adds 7 more plants. How many plants are there now?

Advanced Order of Operations Word Problems

Write an expression and solve each problem.

Q1. A store receives 8 cartons with 13 notebooks in each carton. It sells 12 notebooks. How many remain?

Q2. A museum gift shop puts 13 postcards in each of 13 display racks and adds 2 postcards near the register. How many postcards are on display?

Q3. A garden has 17 rows of 11 plants. A student adds 10 more plants. How many plants are there now?

Q4. A pet shelter prepares 6 bowls with 7 cups of food in each bowl, then adds 2 cups. How many cups of food are ready?

Q5. A coach buys 17 bags containing 14 tennis balls each, then shares them equally among 7 teams. How many balls does each team get?

Q6. A runner completes 15 laps each day for 10 days, then runs 9 extra laps. How many laps did the runner complete?

Q7. A classroom has 14 packs of 8 pencils and 12 loose pencils. How many pencils are there in all?

Q8. A theater has 18 rows with 12 seats in each row. If 17 seats are empty, how many seats are occupied?

Q9. A craft club makes 11 bracelets each day for 7 days. Members give away 9 bracelets. How many bracelets remain?

Q10. A baker fills 10 trays with 3 muffins per tray. After selling 14 muffins, how many are left?

Q11. A school orders 15 packs of 6 markers. The markers are shared equally among 18 classrooms. How many markers does each classroom receive?

Q12. A book fair starts with 11 boxes of 13 books. Volunteers set aside 18 books for display. How many remain in the boxes?

Q13. A store receives 10 cartons with 14 notebooks in each carton. It sells 8 notebooks. How many remain?

Q14. A museum gift shop puts 5 postcards in each of 6 display racks and adds 2 postcards near the register. How many postcards are on display?

Q15. A garden has 7 rows of 13 plants. A student adds 17 more plants. How many plants are there now?

Q16. A pet shelter prepares 16 bowls with 5 cups of food in each bowl, then adds 14 cups. How many cups of food are ready?

Q17. A coach buys 11 bags containing 10 tennis balls each, then shares them equally among 2 teams. How many balls does each team get?

Q18. A runner completes 12 laps each day for 14 days, then runs 8 extra laps. How many laps did the runner complete?

Q19. A classroom has 16 packs of 6 pencils and 17 loose pencils. How many pencils are there in all?

Q20. A theater has 12 rows with 4 seats in each row. If 4 seats are empty, how many seats are occupied?

Q21. A craft club makes 17 bracelets each day for 10 days. Members give away 2 bracelets. How many bracelets remain?

Q22. A baker fills 6 trays with 12 muffins per tray. After selling 2 muffins, how many are left?

Q23. A school orders 8 packs of 6 markers. The markers are shared equally among 12 classrooms. How many markers does each classroom receive?

Q24. A book fair starts with 10 boxes of 8 books. Volunteers set aside 5 books for display. How many remain in the boxes?

Q25. A store receives 11 cartons with 13 notebooks in each carton. It sells 4 notebooks. How many remain?

Q26. A museum gift shop puts 10 postcards in each of 8 display racks and adds 7 postcards near the register. How many postcards are on display?

Q27. A garden has 8 rows of 12 plants. A student adds 5 more plants. How many plants are there now?

Q28. A pet shelter prepares 6 bowls with 12 cups of food in each bowl, then adds 4 cups. How many cups of food are ready?

Q29. A coach buys 8 bags containing 12 tennis balls each, then shares them equally among 4 teams. How many balls does each team get?

Q30. A runner completes 11 laps each day for 3 days, then runs 4 extra laps. How many laps did the runner complete?

Mixed Order of Operations Word Problems

Write an expression and solve each problem.

Q1. A pet shelter prepares 10 bowls with 13 cups of food in each bowl, then adds 10 cups. How many cups of food are ready?

Q2. A coach buys 10 bags containing 10 tennis balls each, then shares them equally among 5 teams. How many balls does each team get?

Q3. A runner completes 11 laps each day for 13 days, then runs 13 extra laps. How many laps did the runner complete?

Q4. A classroom has 12 packs of 7 pencils and 12 loose pencils. How many pencils are there in all?

Q5. A theater has 9 rows with 11 seats in each row. If 14 seats are empty, how many seats are occupied?

Q6. A craft club makes 11 bracelets each day for 3 days. Members give away 13 bracelets. How many bracelets remain?

Q7. A baker fills 20 trays with 9 muffins per tray. After selling 4 muffins, how many are left?

Q8. A school orders 10 packs of 10 markers. The markers are shared equally among 5 classrooms. How many markers does each classroom receive?

Q9. A book fair starts with 11 boxes of 6 books. Volunteers set aside 3 books for display. How many remain in the boxes?

Q10. A store receives 8 cartons with 13 notebooks in each carton. It sells 17 notebooks. How many remain?

Q11. A museum gift shop puts 12 postcards in each of 8 display racks and adds 6 postcards near the register. How many postcards are on display?

Q12. A garden has 14 rows of 9 plants. A student adds 7 more plants. How many plants are there now?

Q13. A pet shelter prepares 15 bowls with 13 cups of food in each bowl, then adds 8 cups. How many cups of food are ready?

Q14. A coach buys 17 bags containing 15 tennis balls each, then shares them equally among 5 teams. How many balls does each team get?

Q15. A runner completes 18 laps each day for 10 days, then runs 15 extra laps. How many laps did the runner complete?

Q16. A classroom has 9 packs of 10 pencils and 5 loose pencils. How many pencils are there in all?

Q17. A theater has 13 rows with 4 seats in each row. If 15 seats are empty, how many seats are occupied?

Q18. A craft club makes 9 bracelets each day for 6 days. Members give away 12 bracelets. How many bracelets remain?

Q19. A baker fills 16 trays with 13 muffins per tray. After selling 18 muffins, how many are left?

Q20. A school orders 19 packs of 3 markers. The markers are shared equally among 19 classrooms. How many markers does each classroom receive?

Q21. A book fair starts with 13 boxes of 5 books. Volunteers set aside 2 books for display. How many remain in the boxes?

Q22. A store receives 9 cartons with 14 notebooks in each carton. It sells 15 notebooks. How many remain?

Q23. A museum gift shop puts 14 postcards in each of 10 display racks and adds 13 postcards near the register. How many postcards are on display?

Q24. A garden has 16 rows of 13 plants. A student adds 13 more plants. How many plants are there now?

Q25. A pet shelter prepares 10 bowls with 4 cups of food in each bowl, then adds 4 cups. How many cups of food are ready?

Q26. A coach buys 18 bags containing 10 tennis balls each, then shares them equally among 3 teams. How many balls does each team get?

Q27. A runner completes 7 laps each day for 7 days, then runs 14 extra laps. How many laps did the runner complete?

Q28. A classroom has 15 packs of 10 pencils and 12 loose pencils. How many pencils are there in all?

Q29. A theater has 13 rows with 8 seats in each row. If 4 seats are empty, how many seats are occupied?

Q30. A craft club makes 15 bracelets each day for 12 days. Members give away 6 bracelets. How many bracelets remain?

Frequently Asked Questions

What is the order of operations in Grade 5?

Students solve parentheses first, then multiplication and division from left to right, followed by addition and subtraction from left to right.

Do students multiply before they divide?

No. Multiplication and division have equal priority. Solve whichever appears first from left to right. Addition and subtraction follow the same rule.

Are these worksheets aligned with Common Core?

The expressions support Grade 5 standards 5.OA.A.1 and 5.OA.A.2. Teachers can select the level that best fits each student's skills.

How should students check their work?

Review each calculation step, then use the answer keys at the end of the page to check final results.

Conclusion

Regular practice helps Grade 5 students become more confident with numerical expressions. Begin with the easy set, then try mixed and advanced questions. Print these order of operations worksheets grade 5 from Math Obsession and keep practicing.

Order of Operations Worksheets Grade 5: Answer Keys

Use these compact tables to check every practice expression and word problem.

Easy Order of Operations Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	116	2	8	3	59
4	21	5	112	6	15
7	44	8	20	9	63
10	7	11	61	12	14
13	172	14	7	15	178
16	26	17	185	18	9
19	25	20	21	21	103
22	11	23	206	24	22
25	161	26	6	27	56
28	9	29	126	30	5

Medium Order of Operations Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	504	2	189	3	86
4	83	5	220	6	5
7	52	8	116	9	75
10	114	11	22	12	123
13	264	14	154	15	171
16	151	17	253	18	39
19	87	20	149	21	187
22	112	23	275	24	276
25	195	26	50	27	254
28	47	29	184	30	130

Advanced Order of Operations Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	210	2	169	3	164
4	189	5	192	6	50
7	553	8	116	9	408
10	28	11	266	12	214
13	72	14	60	15	114
16	6	17	308	18	37
19	394	20	113	21	24
22	190	23	278	24	144
25	256	26	2	27	68
28	137	29	240	30	7

Mixed Order of Operations Practice

Q#	Answer	Q#	Answer	Q#	Answer
1	148	2	143	3	363
4	50	5	442	6	13
7	87	8	148	9	29
10	48	11	200	12	220
13	316	14	124	15	414
16	238	17	352	18	14
19	143	20	240	21	60
22	222	23	280	24	9
25	189	26	98	27	168
28	261	29	34	30	153

Easy Order of Operations Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	47	2	32	3	5
4	75	5	5	6	24
7	21	8	55	9	52
10	29	11	13	12	55
13	37	14	25	15	81
16	67	17	7	18	9
19	57	20	54	21	161
22	150	23	2	24	70
25	30	26	66	27	76
28	3	29	3	30	62

Medium Order of Operations Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	89	2	24	3	25
4	96	5	96	6	96
7	31	8	15	9	130
10	193	11	19	12	126
13	138	14	26	15	96
16	109	17	98	18	31
19	149	20	36	21	96
22	112	23	103	24	87
25	54	26	12	27	104
28	64	29	55	30	85

Advanced Order of Operations Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	92	2	171	3	197
4	44	5	34	6	159
7	124	8	199	9	68
10	16	11	5	12	125
13	132	14	32	15	108
16	94	17	55	18	176
19	113	20	44	21	168
22	70	23	4	24	75
25	139	26	87	27	101
28	76	29	24	30	37

Mixed Order of Operations Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	140	2	20	3	156
4	96	5	85	6	20
7	176	8	20	9	63
10	87	11	102	12	133
13	203	14	51	15	195
16	95	17	37	18	42
19	190	20	3	21	63
22	111	23	153	24	221
25	44	26	60	27	63
28	162	29	100	30	174