Factors and Multiples Worksheets Grade 4: Printable Practice

Name: _____ Date: _____

Directions: Solve each problem. Show a factor list, multiplication equation, or short explanation when asked.

Easy Practice Problems

Q1. Write all the factor pairs of 12.

Q2. Write all the factor pairs of 14.

Q3. Write all the factor pairs of 15.

Q4. Write all the factor pairs of 16.

Q5. Write all the factor pairs of 18.

Q6. Write all the factor pairs of 20.

Q7. Write all the factor pairs of 21.

Q8. Write all the factor pairs of 24.

Q9. Write all the factor pairs of 25.

Q10. Write all the factor pairs of 27.

Q11. Is 18 a multiple of 3? Write yes or no.

Q12. Is 20 a multiple of 4? Write yes or no.

Q13. Is 21 a multiple of 7? Write yes or no.

Q14. Is 24 a multiple of 6? Write yes or no.

Q15. Is 25 a multiple of 5? Write yes or no.

Q16. Is 28 a multiple of 4? Write yes or no.

Q17. Is 30 a multiple of 3? Write yes or no.

Q18. Is 32 a multiple of 8? Write yes or no.

Q19. Is 35 a multiple of 5? Write yes or no.

Q20. Is 36 a multiple of 9? Write yes or no.

Q21. Is 2 prime or composite?

Q22. Is 9 prime or composite?

Q23. Is 11 prime or composite?

Q24. Is 13 prime or composite?

Q25. Is 17 prime or composite?

Q26. Is 19 prime or composite?

Q27. Is 23 prime or composite?

Q28. Is 29 prime or composite?

Q29. Is 31 prime or composite?

Q30. Is 37 prime or composite?

Medium Practice Problems

Q1. List every factor of 32 in order from least to greatest.

Q2. List every factor of 36 in order from least to greatest.

Q3. List every factor of 40 in order from least to greatest.

Q4. List every factor of 42 in order from least to greatest.

Q5. List every factor of 45 in order from least to greatest.

Q6. List every factor of 48 in order from least to greatest.

Q7. List every factor of 50 in order from least to greatest.

Q8. List every factor of 54 in order from least to greatest.

Q9. List every factor of 56 in order from least to greatest.

Q10. List every factor of 60 in order from least to greatest.

Q11. Write the first 7 positive multiples of 4.

Q12. Write the first 6 positive multiples of 6.

Q13. Write the first 5 positive multiples of 7.

Q14. Write the first 6 positive multiples of 8.

Q15. Write the first 5 positive multiples of 9.

Q16. Write the first 4 positive multiples of 11.

Q17. Write the first 5 positive multiples of 12.

Q18. Write the first 8 positive multiples of 5.

Q19. Write the first 9 positive multiples of 3.

Q20. Write the first 7 positive multiples of 10.

Q21. Determine whether 44 is a multiple of 4. Include the quotient or remainder.

Q22. Determine whether 51 is a multiple of 3. Include the quotient or remainder.

Q23. Determine whether 58 is a multiple of 6. Include the quotient or remainder.

Q24. Determine whether 63 is a multiple of 9. Include the quotient or remainder.

Q25. Determine whether 70 is a multiple of 8. Include the quotient or remainder.

Q26. Determine whether 72 is a multiple of 8. Include the quotient or remainder.

Q27. Determine whether 77 is a multiple of 7. Include the quotient or remainder.

Q28. Determine whether 81 is a multiple of 9. Include the quotient or remainder.

Q29. Determine whether 84 is a multiple of 6. Include the quotient or remainder.

Q30. Determine whether 95 is a multiple of 5. Include the quotient or remainder.

Advanced Practice Problems

Enrichment note: Questions 21–30 explore least common multiples, which extend beyond the specific Grade 4 focus of 4.OA.B.4.

Q1. Find all factor pairs of 64. How many different pairs are there?

Q2. Find all factor pairs of 66. How many different pairs are there?

Q3. Find all factor pairs of 70. How many different pairs are there?

Q4. Find all factor pairs of 72. How many different pairs are there?

Q5. Find all factor pairs of 75. How many different pairs are there?

Q6. Find all factor pairs of 80. How many different pairs are there?

Q7. Find all factor pairs of 84. How many different pairs are there?

Q8. Find all factor pairs of 90. How many different pairs are there?

Q9. Find all factor pairs of 96. How many different pairs are there?

Q10. Find all factor pairs of 100. How many different pairs are there?

Q11. Classify 39 as prime or composite and give a factor pair that proves your answer if it is composite.

Q12. Classify 49 as prime or composite and give a factor pair that proves your answer if it is composite.

Q13. Classify 57 as prime or composite and give a factor pair that proves your answer if it is composite.

Q14. Classify 67 as prime or composite and give a factor pair that proves your answer if it is composite.

Q15. Classify 73 as prime or composite and give a factor pair that proves your answer if it is composite.

Q16. Classify 87 as prime or composite and give a factor pair that proves your answer if it is composite.

Q17. Classify 91 as prime or composite and give a factor pair that proves your answer if it is composite.

Q18. Classify 97 as prime or composite and give a factor pair that proves your answer if it is composite.

Q19. Classify 99 as prime or composite and give a factor pair that proves your answer if it is composite.

Q20. Classify 100 as prime or composite and give a factor pair that proves your answer if it is composite.

Q21. What is the least positive number that is a multiple of both 6 and 8?

Q22. What is the least positive number that is a multiple of both 7 and 9?

Q23. What is the least positive number that is a multiple of both 4 and 11?

Q24. What is the least positive number that is a multiple of both 5 and 12?

Q25. What is the least positive number that is a multiple of both 8 and 10?

Q26. What is the least positive number that is a multiple of both 9 and 12?

Q27. What is the least positive number that is a multiple of both 6 and 14?

Q28. What is the least positive number that is a multiple of both 7 and 15?

Q29. What is the least positive number that is a multiple of both 8 and 16?

Q30. What is the least positive number that is a multiple of both 9 and 18?

Mixed Practice Problems

Q1. Write all factor pairs of 26, then state whether it is prime or composite.

Q2. Write all factor pairs of 33, then state whether it is prime or composite.

Q3. Write all factor pairs of 38, then state whether it is prime or composite.

Q4. Write all factor pairs of 46, then state whether it is prime or composite.

Q5. Write all factor pairs of 52, then state whether it is prime or composite.

Q6. Write all factor pairs of 55, then state whether it is prime or composite.

Q7. Write all factor pairs of 62, then state whether it is prime or composite.

Q8. Write all factor pairs of 68, then state whether it is prime or composite.

Q9. Write all factor pairs of 74, then state whether it is prime or composite.

Q10. Write all factor pairs of 78, then state whether it is prime or composite.

Q11. Is 42 a multiple of 7? Explain with division.

Q12. Is 53 a multiple of 4? Explain with division.

Q13. Is 64 a multiple of 8? Explain with division.

Q14. Is 69 a multiple of 3? Explain with division.

Q15. Is 76 a multiple of 5? Explain with division.

Q16. Is 85 a multiple of 17? Explain with division.

Q17. Is 88 a multiple of 11? Explain with division.

Q18. Is 93 a multiple of 9? Explain with division.

Q19. Is 98 a multiple of 7? Explain with division.

Q20. Is 100 a multiple of 6? Explain with division.

Q21. Write the first 4 positive multiples of 13, then circle the greatest one.

Q22. Write the first 5 positive multiples of 14, then circle the greatest one.

Q23. Write the first 4 positive multiples of 15, then circle the greatest one.

Q24. Write the first 5 positive multiples of 16, then circle the greatest one.

Q25. Write the first 4 positive multiples of 17, then circle the greatest one.

Q26. Write the first 5 positive multiples of 18, then circle the greatest one.

Q27. Write the first 4 positive multiples of 19, then circle the greatest one.

Q28. Write the first 5 positive multiples of 20, then circle the greatest one.

Q29. Write the first 4 positive multiples of 21, then circle the greatest one.

Q30. Write the first 5 positive multiples of 22, then circle the greatest one.

Easy Word Problems

Q1. A teacher has 18 markers and puts the same number in each of 3 cups. How many markers go in each cup?

Q2. The art club has 20 beads. Students make equal groups of 5. How many groups can they make?

Q3. Twelve toy cars are arranged in equal rows of 4. How many rows are there?

Q4. A baker packs 24 muffins into boxes of 6. How many boxes are filled?

Q5. A class plants 15 seeds in 3 equal garden beds. How many seeds go in each bed?

Q6. A coach places 28 cones into 7 equal piles. How many cones are in each pile?

Q7. Thirty stickers are shared equally by 5 students. How many stickers does each student receive?

Q8. A library display has 16 books arranged in rows of 2. How many rows are needed?

Q9. A farmer puts 27 eggs into cartons that hold 9 eggs. How many cartons are filled?

Q10. A box holds 21 crayons arranged in groups of 3. How many groups are there?

Q11. The school store receives 32 pencils. It makes bundles of 8. How many bundles can it make?

Q12. A student practices multiplication facts every 4 days. How many practice days occur in 20 days?

Q13. A 25-foot ribbon is cut into equal 5-foot pieces. How many pieces result?

Q14. A gym sets 18 chairs in 6 equal rows. How many chairs are in each row?

Q15. A gardener plants 30 flowers in rows of 10. How many rows are planted?

Q16. A pack contains 14 trading cards split equally between 2 friends. How many cards does each friend get?

Q17. A music teacher has 24 rhythm sticks and gives 4 to each group. How many groups get sticks?

Q18. A team scores 36 points in 4 equal quarters. What is the average number of points per quarter?

Q19. A 40-page booklet is divided into 5 equal sections. How many pages are in each section?

Q20. A pet shelter fills 6 bowls with 7 scoops of food each. How many scoops are used?

Q21. A classroom has 8 tables with 4 students at each table. How many students are seated?

Q22. A store stacks 45 cans in columns of 9. How many columns are made?

Q23. A runner completes 3 equal laps each day for 7 days. How many laps does the runner complete?

Q24. A pack of 48 crayons is shared among 6 art stations equally. How many crayons go to each station?

Q25. A scout group makes 5 teams with 6 scouts on each team. How many scouts are there?

Q26. A teacher arranges 35 desks in equal rows of 7. How many rows are there?

Q27. A movie theater has 4 sections with 9 seats in each row and one row per section. How many seats are in those rows?

Q28. A student reads 6 pages each night for 5 nights. How many pages does the student read?

Q29. A florist places 42 tulips equally into 7 vases. How many tulips go in each vase?

Q30. A snack stand packs 54 pretzels into bags of 6. How many bags are filled?

Medium Word Problems

Q1. The fourth-grade team receives 108 notebooks and shares them equally among 36 students. How many does each student get?

Q2. A supply room packs 172 baseballs into boxes holding 4 each. How many full boxes can it pack?

Q3. The fourth-grade team receives 250 seed packets and shares them equally among 50 students. How many does each student get?

Q4. A supply room packs 342 juice boxes into boxes holding 6 each. How many full boxes can it pack?

Q5. The fourth-grade team receives 448 game tokens and shares them equally among 64 students. How many does each student get?

Q6. A supply room packs 568 paper clips into boxes holding 8 each. How many full boxes can it pack?

Q7. The fourth-grade team receives 702 bookmarks and shares them equally among 78 students. How many does each student get?

Q8. A supply room packs 850 water bottles into boxes holding 10 each. How many full boxes can it pack?

Q9. The fourth-grade team receives 276 soccer cones and shares them equally among 92 students. How many does each student get?

Q10. A supply room packs 396 paintbrushes into boxes holding 4 each. How many full boxes can it pack?

Q11. The fourth-grade team receives 530 notebooks and shares them equally among 106 students. How many does each student get?

Q12. A supply room packs 678 baseballs into boxes holding 6 each. How many full boxes can it pack?

Q13. The fourth-grade team receives 840 seed packets and shares them equally among 120 students. How many does each student get?

Q14. A supply room packs 1016 juice boxes into boxes holding 8 each. How many full boxes can it pack?

Q15. The fourth-grade team receives 1206 game tokens and shares them equally among 134 students. How many does each student get?

Q16. A supply room packs 1410 paper clips into boxes holding 10 each. How many full boxes can it pack?

Q17. The fourth-grade team receives 444 bookmarks and shares them equally among 148 students. How many does each student get?

Q18. A supply room packs 620 water bottles into boxes holding 4 each. How many full boxes can it pack?

Q19. The fourth-grade team receives 810 soccer cones and shares them equally among 162 students. How many does each student get?

Q20. A supply room packs 1014 paintbrushes into boxes holding 6 each. How many full boxes can it pack?

Q21. The fourth-grade team receives 1232 notebooks and shares them equally among 176 students. How many does each student get?

Q22. A supply room packs 1464 baseballs into boxes holding 8 each. How many full boxes can it pack?

Q23. The fourth-grade team receives 1710 seed packets and shares them equally among 190 students. How many does each student get?

Q24. A supply room packs 1970 juice boxes into boxes holding 10 each. How many full boxes can it pack?

Q25. The fourth-grade team receives 612 game tokens and shares them equally among 204 students. How many does each student get?

Q26. A supply room packs 844 paper clips into boxes holding 4 each. How many full boxes can it pack?

Q27. The fourth-grade team receives 1090 bookmarks and shares them equally among 218 students. How many does each student get?

Q28. A supply room packs 1350 water bottles into boxes holding 6 each. How many full boxes can it pack?

Q29. The fourth-grade team receives 1624 soccer cones and shares them equally among 232 students. How many does each student get?

Q30. A supply room packs 1912 paintbrushes into boxes holding 8 each. How many full boxes can it pack?

Advanced Word Problems

Q1. A school orders 72 juice boxes. Staff arrange them into 12 equal displays, then divide each display into 3 equal groups. How many juice boxes go in each small group?

Q2. A school orders 168 game tokens. Staff arrange them into 14 equal displays, then divide each display into 4 equal groups. How many game tokens go in each small group?

Q3. A school orders 150 paper clips. Staff arrange them into 15 equal displays, then divide each display into 5 equal groups. How many paper clips go in each small group?

Q4. A school orders 384 bookmarks. Staff arrange them into 16 equal displays, then divide each display into 6 equal groups. How many bookmarks go in each small group?

Q5. A school orders 378 water bottles. Staff arrange them into 18 equal displays, then divide each display into 7 equal groups. How many water bottles go in each small group?

Q6. A school orders 320 soccer cones. Staff arrange them into 20 equal displays, then divide each display into 8 equal groups. How many soccer cones go in each small group?

Q7. A school orders 945 paintbrushes. Staff arrange them into 21 equal displays, then divide each display into 9 equal groups. How many paintbrushes go in each small group?

Q8. A school orders 720 notebooks. Staff arrange them into 24 equal displays, then divide each display into 10 equal groups. How many notebooks go in each small group?

Q9. A school orders 400 baseballs. Staff arrange them into 25 equal displays, then divide each display into 4 equal groups. How many baseballs go in each small group?

Q10. A school orders 270 seed packets. Staff arrange them into 27 equal displays, then divide each display into 5 equal groups. How many seed packets go in each small group?

Q11. A school orders 588 juice boxes. Staff arrange them into 28 equal displays, then divide each display into 7 equal groups. How many juice boxes go in each small group?

Q12. A school orders 900 game tokens. Staff arrange them into 30 equal displays, then divide each display into 6 equal groups. How many game tokens go in each small group?

Q13. A school orders 512 paper clips. Staff arrange them into 32 equal displays, then divide each display into 8 equal groups. How many paper clips go in each small group?

Q14. A school orders 700 bookmarks. Staff arrange them into 35 equal displays, then divide each display into 5 equal groups. How many bookmarks go in each small group?

Q15. A school orders 972 water bottles. Staff arrange them into 36 equal displays, then divide each display into 9 equal groups. How many water bottles go in each small group?

Q16. A school orders 320 soccer cones. Staff arrange them into 40 equal displays, then divide each display into 4 equal groups. How many soccer cones go in each small group?

Q17. A school orders 1260 paintbrushes. Staff arrange them into 42 equal displays, then divide each display into 6 equal groups. How many paintbrushes go in each small group?

Q18. A school orders 675 notebooks. Staff arrange them into 45 equal displays, then divide each display into 5 equal groups. How many notebooks go in each small group?

Q19. A school orders 768 baseballs. Staff arrange them into 48 equal displays, then divide each display into 8 equal groups. How many baseballs go in each small group?

Q20. A school orders 1400 seed packets. Staff arrange them into 50 equal displays, then divide each display into 7 equal groups. How many seed packets go in each small group?

Q21. A school orders 1458 juice boxes. Staff arrange them into 54 equal displays, then divide each display into 9 equal groups. How many juice boxes go in each small group?

Q22. A school orders 1120 game tokens. Staff arrange them into 56 equal displays, then divide each display into 4 equal groups. How many game tokens go in each small group?

Q23. A school orders 1200 paper clips. Staff arrange them into 60 equal displays, then divide each display into 10 equal groups. How many paper clips go in each small group?

Q24. A school orders 1764 bookmarks. Staff arrange them into 63 equal displays, then divide each display into 7 equal groups. How many bookmarks go in each small group?

Q25. A school orders 1536 water bottles. Staff arrange them into 64 equal displays, then divide each display into 8 equal groups. How many water bottles go in each small group?

Q26. A school orders 792 soccer cones. Staff arrange them into 66 equal displays, then divide each display into 6 equal groups. How many soccer cones go in each small group?

Q27. A school orders 1750 paintbrushes. Staff arrange them into 70 equal displays, then divide each display into 5 equal groups. How many paintbrushes go in each small group?

Q28. A school orders 1944 notebooks. Staff arrange them into 72 equal displays, then divide each display into 9 equal groups. How many notebooks go in each small group?

Q29. A school orders 900 baseballs. Staff arrange them into 75 equal displays, then divide each display into 3 equal groups. How many baseballs go in each small group?

Q30. A school orders 1600 seed packets. Staff arrange them into 80 equal displays, then divide each display into 10 equal groups. How many seed packets go in each small group?

Mixed Word Problems

Q1. A club has 24 bookmarks. Members pack them equally into groups of 3. How many groups can they make?

Q2. A club has 30 water bottles. Members pack them equally into groups of 5. How many groups can they make?

Q3. A club has 36 soccer cones. Members pack them equally into groups of 4. How many groups can they make?

Q4. A club has 40 paintbrushes. Members pack them equally into groups of 8. How many groups can they make?

Q5. A club has 42 notebooks. Members pack them equally into groups of 6. How many groups can they make?

Q6. A club has 48 baseballs. Members make as many full groups of 7 as possible. How many full groups can they make, and how many baseballs remain?

Q7. A club has 54 seed packets. Members pack them equally into groups of 9. How many groups can they make?

Q8. A club has 56 juice boxes. Members pack them equally into groups of 8. How many groups can they make?

Q9. A club has 60 game tokens. Members pack them equally into groups of 10. How many groups can they make?

Q10. A club has 63 paper clips. Members pack them equally into groups of 7. How many groups can they make?

Q11. A club has 64 bookmarks. Members pack them equally into groups of 8. How many groups can they make?

Q12. A club has 70 water bottles. Members pack them equally into groups of 5. How many groups can they make?

Q13. A club has 72 soccer cones. Members pack them equally into groups of 9. How many groups can they make?

Q14. A club has 75 paintbrushes. Members pack them equally into groups of 5. How many groups can they make?

Q15. A club has 80 notebooks. Members pack them equally into groups of 10. How many groups can they make?

Q16. A club has 84 baseballs. Members pack them equally into groups of 7. How many groups can they make?

Q17. A club has 90 seed packets. Members pack them equally into groups of 9. How many groups can they make?

Q18. A club has 96 juice boxes. Members pack them equally into groups of 8. How many groups can they make?

Q19. A club has 100 game tokens. Members pack them equally into groups of 10. How many groups can they make?

Q20. A club has 45 paper clips. Members pack them equally into groups of 5. How many groups can they make?

Q21. A club has 50 bookmarks. Members make as many full groups of 6 as possible. How many full groups can they make, and how many bookmarks remain?

Q22. A club has 66 water bottles. Members pack them equally into groups of 11. How many groups can they make?

Q23. A club has 68 soccer cones. Members pack them equally into groups of 4. How many groups can they make?

Q24. A club has 78 paintbrushes. Members pack them equally into groups of 6. How many groups can they make?

Q25. A club has 81 notebooks. Members pack them equally into groups of 9. How many groups can they make?

Q26. A club has 88 baseballs. Members pack them equally into groups of 8. How many groups can they make?

Q27. A club has 92 seed packets. Members pack them equally into groups of 4. How many groups can they make?

Q28. A club has 98 juice boxes. Members pack them equally into groups of 7. How many groups can they make?

Q29. A club has 99 game tokens. Members pack them equally into groups of 9. How many groups can they make?

Q30. A club has 100 paper clips. Members pack them equally into groups of 4. How many groups can they make?

Factors and Multiples Worksheets Grade 4: Answer Keys

Use these compact tables to check every response. Equivalent factor-pair order is acceptable.

Easy Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	1 × 12; 2 × 6; 3 × 4	2	1 × 14; 2 × 7	3	1 × 15; 3 × 5
4	1 × 16; 2 × 8; 4 × 4	5	1 × 18; 2 × 9; 3 × 6	6	1 × 20; 2 × 10; 4 × 5
7	1 × 21; 3 × 7	8	1 × 24; 2 × 12; 3 × 8; 4 × 6	9	1 × 25; 5 × 5
10	1 × 27; 3 × 9	11	Yes	12	Yes
13	Yes	14	Yes	15	Yes
16	Yes	17	Yes	18	Yes
19	Yes	20	Yes	21	Prime
22	Composite	23	Prime	24	Prime
25	Prime	26	Prime	27	Prime
28	Prime	29	Prime	30	Prime

Medium Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	1, 2, 4, 8, 16, 32	2	1, 2, 3, 4, 6, 9, 12, 18, 36	3	1, 2, 4, 5, 8, 10, 20, 40
4	1, 2, 3, 6, 7, 14, 21, 42	5	1, 3, 5, 9, 15, 45	6	1, 2, 3, 4, 6, 8, 12, 16, 24, 48
7	1, 2, 5, 10, 25, 50	8	1, 2, 3, 6, 9, 18, 27, 54	9	1, 2, 4, 7, 8, 14, 28, 56
10	1, 2, 3, 4, 5, 6, 10, 12, 15,	11	4, 8, 12, 16, 20, 24, 28	12	6, 12, 18, 24, 30, 36

	20, 30, 60				
13	7, 14, 21, 28, 35	14	8, 16, 24, 32, 40, 48	15	9, 18, 27, 36, 45
16	11, 22, 33, 44	17	12, 24, 36, 48, 60	18	5, 10, 15, 20, 25, 30, 35, 40
19	3, 6, 9, 12, 15, 18, 21, 24, 27	20	10, 20, 30, 40, 50, 60, 70	21	Yes; 44 ÷ 4 = 11
22	Yes; 51 ÷ 3 = 17	23	No; 58 ÷ 6 = 9 R 4	24	Yes; 63 ÷ 9 = 7
25	No; 70 ÷ 8 = 8 R 6	26	Yes; 72 ÷ 8 = 9	27	Yes; 77 ÷ 7 = 11
28	Yes; 81 ÷ 9 = 9	29	Yes; 84 ÷ 6 = 14	30	Yes; 95 ÷ 5 = 19

Advanced Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	1 × 64; 2 × 32; 4 × 16; 8 × 8. 4 pairs	2	1 × 66; 2 × 33; 3 × 22; 6 × 11. 4 pairs	3	1 × 70; 2 × 35; 5 × 14; 7 × 10. 4 pairs
4	1 × 72; 2 × 36; 3 × 24; 4 × 18; 6 × 12; 8 × 9. 6 pairs	5	1 × 75; 3 × 25; 5 × 15. 3 pairs	6	1 × 80; 2 × 40; 4 × 20; 5 × 16; 8 × 10. 5 pairs
7	1 × 84; 2 × 42; 3 × 28; 4 × 21; 6 × 14; 7 × 12. 6 pairs	8	1 × 90; 2 × 45; 3 × 30; 5 × 18; 6 × 15; 9 × 10. 6 pairs	9	1 × 96; 2 × 48; 3 × 32; 4 × 24; 6 × 16; 8 × 12. 6 pairs
10	1 × 100; 2 × 50; 4 × 25; 5 × 20; 10 × 10. 5 pairs	11	Composite; 1 × 39 = 39	12	Composite; 1 × 49 = 49
13	Composite; 1 × 57 = 57	14	Prime	15	Prime
16	Composite; 1 × 87 = 87	17	Composite; 1 × 91 = 91	18	Prime
19	Composite; 1 × 99 = 99	20	Composite; 1 × 100 = 100	21	24 (least common multiple)
22	63 (least common multiple)	23	44 (least common multiple)	24	60 (least common multiple)
25	40 (least common multiple)	26	36 (least common multiple)	27	42 (least common multiple)
28	105 (least common multiple)	29	16 (least common multiple)	30	18 (least common multiple)

Mixed Practice Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	1 × 26; 2 × 13; composite	2	1 × 33; 3 × 11; composite	3	1 × 38; 2 × 19; composite
4	1 × 46; 2 × 23; composite	5	1 × 52; 2 × 26; 4 × 13; composite	6	1 × 55; 5 × 11; composite
7	1 × 62; 2 × 31; composite	8	1 × 68; 2 × 34; 4 × 17; composite	9	1 × 74; 2 × 37; composite
10	1 × 78; 2 × 39; 3 × 26; 6 × 13; composite	11	Yes; quotient 6	12	No; 53 ÷ 4 = 13 R 1
13	Yes; quotient 8	14	Yes; quotient 23	15	No; 76 ÷ 5 = 15 R 1
16	Yes; quotient 5	17	Yes; quotient 8	18	No; 93 ÷ 9 = 10 R 3
19	Yes; quotient 14	20	No; 100 ÷ 6 = 16 R 4	21	13, 26, 39, 52; greatest: 52
22	14, 28, 42, 56, 70; greatest: 70	23	15, 30, 45, 60; greatest: 60	24	16, 32, 48, 64, 80; greatest: 80
25	17, 34, 51, 68; greatest: 68	26	18, 36, 54, 72, 90; greatest: 90	27	19, 38, 57, 76; greatest: 76
28	20, 40, 60, 80, 100; greatest: 100	29	21, 42, 63, 84; greatest: 84	30	22, 44, 66, 88, 110; greatest: 110

Easy Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	6 markers	2	4 groups	3	3 rows
4	4 boxes	5	5 seeds	6	4 cones
7	6 stickers	8	8 rows	9	3 cartons
10	7 groups	11	4 bundles	12	5 practice days
13	5 pieces	14	3 chairs	15	3 rows
16	7 cards	17	6 groups	18	9 points
19	8 pages	20	42 scoops	21	32 students
22	5 columns	23	21 laps	24	8 crayons
25	30 scouts	26	5 rows	27	36 seats
28	30 pages	29	6 tulips	30	9 bags

Medium Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	3 notebooks	2	43 full boxes	3	5 seed

	each				packets each
4	57 full boxes	5	7 game tokens each	6	71 full boxes
7	9 bookmarks each	8	85 full boxes	9	3 soccer cones each
10	99 full boxes	11	5 notebooks each	12	113 full boxes
13	7 seed packets each	14	127 full boxes	15	9 game tokens each
16	141 full boxes	17	3 bookmarks each	18	155 full boxes
19	5 soccer cones each	20	169 full boxes	21	7 notebooks each
22	183 full boxes	23	9 seed packets each	24	197 full boxes
25	3 game tokens each	26	211 full boxes	27	5 bookmarks each
28	225 full boxes	29	7 soccer cones each	30	239 full boxes

Advanced Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	2 juice boxes	2	3 game tokens	3	2 paper clips
4	4 bookmarks	5	3 water bottles	6	2 soccer cones
7	5 paintbrushes	8	3 notebooks	9	4 baseballs
10	2 seed packets	11	3 juice boxes	12	5 game tokens
13	2 paper clips	14	4 bookmarks	15	3 water bottles
16	2 soccer cones	17	5 paintbrushes	18	3 notebooks
19	2 baseballs	20	4 seed packets	21	3 juice boxes
22	5 game tokens	23	2 paper clips	24	4 bookmarks
25	3 water bottles	26	2 soccer cones	27	5 paintbrushes
28	3 notebooks	29	4 baseballs	30	2 seed packets

Mixed Word Problems

Q#	Answer	Q#	Answer	Q#	Answer
1	8 groups	2	6 groups	3	9 groups
4	5 groups	5	7 groups	6	6 full groups, 6 baseballs remain

7	6 groups	8	7 groups	9	6 groups
10	9 groups	11	8 groups	12	14 groups
13	8 groups	14	15 groups	15	8 groups
16	12 groups	17	10 groups	18	12 groups
19	10 groups	20	9 groups	21	8 full groups, 2 bookmarks remain
22	6 groups	23	17 groups	24	13 groups
25	9 groups	26	11 groups	27	23 groups
28	14 groups	29	11 groups	30	25 groups