Multi-Digit Multiplication Worksheets Grade 4

Easy Practice: Multi-Digit Multiplication

Name: _____ Date: _____

1. 12 × 3 = _____
2. 14 × 4 = _____
3. 21 × 2 = _____
4. 23 × 3 = _____
5. 31 × 3 = _____
6. 16 × 5 = _____
7. 24 × 2 = _____
8. 32 × 4 = _____
9. 42 × 2 = _____
10. 18 × 4 = _____
11. 27 × 3 = _____
12. 35 × 2 = _____
13. 41 × 4 = _____
14. 26 × 3 = _____
15. 19 × 5 = _____
16. 33 × 3 = _____
17. 45 × 2 = _____
18. 28 × 3 = _____
19. 52 × 2 = _____
20. 37 × 2 = _____
21. 46 × 3 = _____
22. 54 × 2 = _____
23. 63 × 3 = _____
24. 29 × 4 = _____
25. 34 × 5 = _____
26. 57 × 2 = _____
27. 68 × 3 = _____
28. 72 × 4 = _____
29. 85 × 2 = _____
30. 96 × 3 = _____

Answer Key — Easy Practice: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	36	2	56	3	42
4	69	5	93	6	80
7	48	8	128	9	84
10	72	11	81	12	70
13	164	14	78	15	95
16	99	17	90	18	84
19	104	20	74	21	138
22	108	23	189	24	116
25	170	26	114	27	204
28	288	29	170	30	288

Medium Practice: Multi-Digit Multiplication

Name: _____ Date: _____

1. 24 × 13 = _____
2. 32 × 14 = _____
3. 41 × 22 = _____
4. 53 × 12 = _____

5. 26 × 31 = _____
6. 47 × 15 = _____
7. 62 × 24 = _____
8. 35 × 26 = _____
9. 71 × 18 = _____
10. 44 × 23 = _____
11. 58 × 16 = _____
12. 29 × 34 = _____
13. 63 × 27 = _____
14. 82 × 15 = _____
15. 36 × 42 = _____
16. 54 × 19 = _____
17. 67 × 23 = _____
18. 48 × 32 = _____
19. 75 × 14 = _____
20. 91 × 21 = _____
21. 39 × 28 = _____
22. 56 × 37 = _____
23. 64 × 25 = _____
24. 83 × 16 = _____
25. 27 × 45 = _____
26. 72 × 34 = _____
27. 46 × 29 = _____
28. 88 × 12 = _____
29. 59 × 24 = _____
30. 34 × 38 = _____

Answer Key — Medium Practice: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	312	2	448	3	902
4	636	5	806	6	705
7	1,488	8	910	9	1,278
10	1,012	11	928	12	986
13	1,701	14	1,230	15	1,512
16	1,026	17	1,541	18	1,536
19	1,050	20	1,911	21	1,092
22	2,072	23	1,600	24	1,328
25	1,215	26	2,448	27	1,334
28	1,056	29	1,416	30	1,292

Advanced Practice: Multi-Digit Multiplication

Name: _____ Date: _____

1. 124 × 3 = _____
2. 236 × 4 = _____
3. 318 × 6 = _____
4. 427 × 5 = _____
5. 562 × 7 = _____
6. 804 × 3 = _____
7. 691 × 8 = _____
8. 735 × 4 = _____
9. 918 × 6 = _____
10. 246 × 9 = _____
11. 1,204 × 3 = _____
12. 1,356 × 4 = _____
13. 2,417 × 2 = _____
14. 3,086 × 3 = _____

15. 4,125 × 2 = _____
16. 5,214 × 4 = _____
17. 6,032 × 5 = _____
18. 7,108 × 6 = _____
19. 8,246 × 3 = _____
20. 9,015 × 7 = _____
21. 134 × 26 = _____
22. 217 × 34 = _____
23. 306 × 18 = _____
24. 425 × 27 = _____
25. 518 × 42 = _____
26. 642 × 35 = _____
27. 704 × 16 = _____
28. 839 × 24 = _____
29. 956 × 31 = _____
30. 1,024 × 12 = _____

Answer Key — Advanced Practice: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	372	2	944	3	1,908
4	2,135	5	3,934	6	2,412
7	5,528	8	2,940	9	5,508
10	2,214	11	3,612	12	5,424
13	4,834	14	9,258	15	8,250
16	20,856	17	30,160	18	42,648
19	24,738	20	63,105	21	3,484
22	7,378	23	5,508	24	11,475
25	21,756	26	22,470	27	11,264
28	20,136	29	29,636	30	12,288

Mixed Practice: Multi-Digit Multiplication

Name: _____ Date: _____

1. 18 × 6 = _____
2. 43 × 12 = _____
3. 126 × 4 = _____
4. 57 × 8 = _____
5. 34 × 27 = _____
6. 205 × 3 = _____
7. 72 × 16 = _____
8. 619 × 5 = _____
9. 28 × 39 = _____
10. 1,305 × 4 = _____
11. 86 × 7 = _____
12. 246 × 13 = _____
13. 407 × 6 = _____
14. 59 × 24 = _____
15. 3,012 × 3 = _____
16. 64 × 18 = _____
17. 731 × 8 = _____
18. 92 × 35 = _____
19. 508 × 7 = _____
20. 1,126 × 5 = _____
21. 37 × 46 = _____
22. 824 × 9 = _____
23. 75 × 28 = _____
24. 2,407 × 2 = _____

25. 49 × 17 = _____
26. 638 × 4 = _____
27. 312 × 25 = _____
28. 96 × 14 = _____
29. 4,018 × 3 = _____
30. 57 × 32 = _____

Answer Key — Mixed Practice: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	108	2	516	3	504
4	456	5	918	6	615
7	1,152	8	3,095	9	1,092
10	5,220	11	602	12	3,198
13	2,442	14	1,416	15	9,036
16	1,152	17	5,848	18	3,220
19	3,556	20	5,630	21	1,702
22	7,416	23	2,100	24	4,814
25	833	26	2,552	27	7,800
28	1,344	29	12,054	30	1,824

Easy Word Problems: Multi-Digit Multiplication

Name: _____ Date: _____

1. A school library orders 12 boxes of books with 3 books in each box. How many books arrive?
2. Students make 14 bracelets each using 4 beads. How many beads do they use altogether?
3. A swim club schedules 16 groups with 5 swimmers per group. How many swimmers are scheduled?
4. A school orders 18 cartons of uniforms with 2 uniforms in each carton. How many uniforms arrive?
5. Noah sorts 21 coin pages with 6 coins on every page. How many coins does he organize?
6. A vendor displays 23 baskets with 3 pears in each basket. How many pears are displayed?
7. The art teacher sets out 25 packs containing 4 markers apiece. Find the total number of markers.
8. At a school concert, 27 rows have 5 chairs each. How many chairs are arranged?
9. A teacher buys 31 boxes containing 2 pencils each. Work out how many pencils the teacher buys.
10. A playground has 32 teams with 7 children on every team. How many children are on the teams?
11. At camp, 34 cabins each welcome 3 campers. How many campers are staying in the cabins?
12. A delivery route includes 36 bundles of newspapers, each bundle containing 4 papers. Find the total.
13. A theater sells 42 bundles of tickets, with 5 tickets per bundle. How many tickets are in the bundles?
14. The class sells 43 coupon books for 2 dollars each. How much money do the sales bring in?
15. A science lab stores 45 trays with 6 sample tubes per tray. How many tubes are stored?
16. A printer makes 47 copies of a 3-page handout. How many printed pages are produced?
17. A school buys 51 desks for each of 4 classrooms. How many desks are purchased?
18. A recycling team fills 52 bags with 5 bottles each. Count the bottles collected.
19. For lunch, the cafeteria prepares 54 trays with 2 apples on each tray. How many apples are ready?
20. A print shop produces 56 stacks of posters, with 7 posters in every stack. Find the total.
21. Maya collects 61 postcard albums, each holding 3 postcards. How many postcards fit in the albums?
22. A train has 63 cars with 4 seats in each car. How many seats are available?
23. For sports day, organizers set up 65 lanes with 5 flags along each lane. How many flags are used?
24. Each of 72 buses carries 2 students. How many students can travel on all the buses?
25. A museum gift shop receives 74 cartons with 6 postcards per carton. Determine the total postcards.
26. Volunteers prepare 81 snack bags and place 3 crackers in each one. How many crackers are needed?
27. The music teacher arranges 83 cases holding 4 rhythm sticks each. Find the number of sticks.
28. The school store receives 86 shipments of 5 notebooks each. Calculate the total notebooks.
29. A district equips 92 classrooms with 2 headphones per room. How many headphones are needed?
30. Rows in a school garden each hold 3 seedlings. If there are 96 rows, how many seedlings are planted?

Answer Key — Easy Word Problems: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	36	2	56	3	80
4	36	5	126	6	69

7	100	8	135	9	62
10	224	11	102	12	144
13	210	14	86	15	270
16	141	17	204	18	260
19	108	20	392	21	183
22	252	23	325	24	144
25	444	26	243	27	332
28	430	29	184	30	288

Medium Word Problems: Multi-Digit Multiplication

Name: _____ Date: _____

1. Each of 24 buses carries 13 students. How many students can travel on all the buses?
2. A museum gift shop receives 32 cartons with 14 postcards per carton. Determine the total postcards.
3. Volunteers prepare 41 snack bags and place 22 crackers in each one. How many crackers are needed?
4. The music teacher arranges 53 cases holding 12 rhythm sticks each. Find the number of sticks.
5. The school store receives 26 shipments of 31 notebooks each. Calculate the total notebooks.
6. A district equips 47 classrooms with 15 headphones per room. How many headphones are needed?
7. Rows in a school garden each hold 24 seedlings. If there are 62 rows, how many seedlings are planted?
8. A farmer packs 26 eggs into each carton and fills 35 cartons. How many eggs are packed?
9. Each section of a small stadium has 18 seats. If 71 sections are filled, how many seats are there?
10. Volunteers fill 44 supply kits with 23 items per kit. How many items go into the kits?
11. A wildlife center prepares 58 containers holding 16 meal portions each. How many portions are prepared?
12. A club orders 29 puzzle sets with 34 pieces in each set. How many puzzle pieces arrive?
13. A coach purchases 63 bags of practice balls. Every bag contains 27 balls. Calculate the number of balls.
14. During a reading challenge, 82 students read 15 pages each. What is the combined page count?
15. A bakery places 42 cookies on each sheet and fills 36 sheets. Count the cookies in all.
16. At a fair, 54 stands sell 19 cups of lemonade each. How many cups are sold if every stand sells that amount?
17. Volunteers pack 67 boxes with 23 cans in every box. Find the number of cans collected.
18. A school library orders 48 boxes of books with 32 books in each box. How many books arrive?
19. Students make 75 bracelets each using 14 beads. How many beads do they use altogether?
20. A swim club schedules 91 groups with 21 swimmers per group. How many swimmers are scheduled?
21. A school orders 39 cartons of uniforms with 28 uniforms in each carton. How many uniforms arrive?
22. Noah sorts 56 coin pages with 37 coins on every page. How many coins does he organize?
23. A vendor displays 64 baskets with 25 pears in each basket. How many pears are displayed?
24. The art teacher sets out 83 packs containing 16 markers apiece. Find the total number of markers.
25. At a school concert, 27 rows have 45 chairs each. How many chairs are arranged?
26. A teacher buys 72 boxes containing 34 pencils each. Work out how many pencils the teacher buys.
27. A playground has 46 teams with 29 children on every team. How many children are on the teams?
28. At camp, 88 cabins each welcome 12 campers. How many campers are staying in the cabins?
29. A delivery route includes 59 bundles of newspapers, each bundle containing 24 papers. Find the total.
30. A theater sells 34 bundles of tickets, with 38 tickets per bundle. How many tickets are in the bundles?

Answer Key — Medium Word Problems: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	312	2	448	3	902
4	636	5	806	6	705
7	1,488	8	910	9	1,278
10	1,012	11	928	12	986
13	1,701	14	1,230	15	1,512
16	1,026	17	1,541	18	1,536
19	1,050	20	1,911	21	1,092
22	2,072	23	1,600	24	1,328
25	1,215	26	2,448	27	1,334
28	1,056	29	1,416	30	1,292

Advanced Word Problems: Multi-Digit Multiplication

Name: _____ Date: _____

1. The art teacher sets out 124 packs containing 3 markers apiece. Find the total number of markers.
2. At a school concert, 236 rows have 4 chairs each. How many chairs are arranged?
3. A teacher buys 318 boxes containing 6 pencils each. Work out how many pencils the teacher buys.
4. A playground has 427 teams with 5 children on every team. How many children are on the teams?
5. At camp, 562 cabins each welcome 7 campers. How many campers are staying in the cabins?
6. A delivery route includes 804 bundles of newspapers, each bundle containing 3 papers. Find the total.
7. A theater sells 691 bundles of tickets, with 8 tickets per bundle. How many tickets are in the bundles?
8. The class sells 735 coupon books for 4 dollars each. How much money do the sales bring in?
9. A science lab stores 918 trays with 6 sample tubes per tray. How many tubes are stored?
10. A printer makes 246 copies of a 9-page handout. How many printed pages are produced?
11. A school buys 1,204 desks for each of 3 classrooms. How many desks are purchased?
12. A recycling team fills 1,356 bags with 4 bottles each. Count the bottles collected.
13. For lunch, the cafeteria prepares 2,417 trays with 2 apples on each tray. How many apples are ready?
14. A print shop produces 3,086 stacks of posters, with 3 posters in every stack. Find the total.
15. Maya collects 4,125 postcard albums, each holding 2 postcards. How many postcards fit in the albums?
16. A train has 5,214 cars with 4 seats in each car. How many seats are available?
17. For sports day, organizers set up 6,032 lanes with 5 flags along each lane. How many flags are used?
18. Each of 7,108 buses carries 6 students. How many students can travel on all the buses?
19. A museum gift shop receives 8,246 cartons with 3 postcards per carton. Determine the total postcards.
20. Volunteers prepare 9,015 snack bags and place 7 crackers in each one. How many crackers are needed?
21. The music teacher arranges 134 cases holding 26 rhythm sticks each. Find the number of sticks.
22. The school store receives 217 shipments of 34 notebooks each. Calculate the total notebooks.
23. A district equips 306 classrooms with 18 headphones per room. How many headphones are needed?
24. Rows in a school garden each hold 27 seedlings. If there are 425 rows, how many seedlings are planted?
25. A farmer packs 42 eggs into each carton and fills 518 cartons. How many eggs are packed?
26. Each section of a small stadium has 35 seats. If 642 sections are filled, how many seats are there?
27. Volunteers fill 704 supply kits with 16 items per kit. How many items go into the kits?
28. A wildlife center prepares 839 containers holding 24 meal portions each. How many portions are prepared?
29. A club orders 956 puzzle sets with 31 pieces in each set. How many puzzle pieces arrive?
30. A coach purchases 1,024 bags of practice balls. Every bag contains 12 balls. Calculate the number of balls.

Answer Key — Advanced Word Problems: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	372	2	944	3	1,908
4	2,135	5	3,934	6	2,412
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10	2,214	11	3,612	12	5,424
13	4,834	14	9,258	15	8,250
16	20,856	17	30,160	18	42,648
19	24,738	20	63,105	21	3,484
22	7,378	23	5,508	24	11,475
25	21,756	26	22,470	27	11,264
28	20,136	29	29,636	30	12,288

Mixed Word Problems: Multi-Digit Multiplication

Name: _____ Date: _____

1. Rows in a school garden each hold 6 seedlings. If there are 18 rows, how many seedlings are planted?
2. A farmer packs 12 eggs into each carton and fills 43 cartons. How many eggs are packed?
3. Each section of a small stadium has 4 seats. If 126 sections are filled, how many seats are there?
4. Volunteers fill 57 supply kits with 8 items per kit. How many items go into the kits?
5. A wildlife center prepares 34 containers holding 27 meal portions each. How many portions are prepared?
6. A club orders 205 puzzle sets with 3 pieces in each set. How many puzzle pieces arrive?
7. A coach purchases 72 bags of practice balls. Every bag contains 16 balls. Calculate the number of balls.
8. During a reading challenge, 619 students read 5 pages each. What is the combined page count?
9. A bakery places 39 cookies on each sheet and fills 28 sheets. Count the cookies in all.
10. At a fair, 1,305 stands sell 4 cups of lemonade each. How many cups are sold if every stand sells that amount?

11. Volunteers pack 86 boxes with 7 cans in every box. Find the number of cans collected.
12. A school library orders 246 boxes of books with 13 books in each box. How many books arrive?
13. Students make 407 bracelets each using 6 beads. How many beads do they use altogether?
14. A swim club schedules 59 groups with 24 swimmers per group. How many swimmers are scheduled?
15. A school orders 3,012 cartons of uniforms with 3 uniforms in each carton. How many uniforms arrive?
16. Noah sorts 64 coin pages with 18 coins on every page. How many coins does he organize?
17. A vendor displays 731 baskets with 8 pears in each basket. How many pears are displayed?
18. The art teacher sets out 92 packs containing 35 markers apiece. Find the total number of markers.
19. At a school concert, 508 rows have 7 chairs each. How many chairs are arranged?
20. A teacher buys 1,126 boxes containing 5 pencils each. Work out how many pencils the teacher buys.
21. A playground has 37 teams with 46 children on every team. How many children are on the teams?
22. At camp, 824 cabins each welcome 9 campers. How many campers are staying in the cabins?
23. A delivery route includes 75 bundles of newspapers, each bundle containing 28 papers. Find the total.
24. A theater sells 2,407 bundles of tickets, with 2 tickets per bundle. How many tickets are in the bundles?
25. The class sells 49 coupon books for 17 dollars each. How much money do the sales bring in?
26. A science lab stores 638 trays with 4 sample tubes per tray. How many tubes are stored?
27. A printer makes 312 copies of a 25-page handout. How many printed pages are produced?
28. A school buys 96 desks for each of 14 classrooms. How many desks are purchased?
29. A recycling team fills 4,018 bags with 3 bottles each. Count the bottles collected.
30. For lunch, the cafeteria prepares 57 trays with 32 apples on each tray. How many apples are ready?

Answer Key — Mixed Word Problems: Multi-Digit Multiplication

Q#	Answer	Q#	Answer	Q#	Answer
1	108	2	516	3	504
4	456	5	918	6	615
7	1,152	8	3,095	9	1,092
10	5,220	11	602	12	3,198
13	2,442	14	1,416	15	9,036
16	1,152	17	5,848	18	3,220
19	3,556	20	5,630	21	1,702
22	7,416	23	2,100	24	4,814
25	833	26	2,552	27	7,800
28	1,344	29	12,054	30	1,824