Grade 5 Multiplication Worksheets

Name: _____ Date: _____

Easy Multiplication Practice

Directions: Multiply each pair of numbers. Show your work whenever you need it.

1. 12 × 4 = _____
2. 15 × 5 = _____
3. 18 × 6 = _____
4. 21 × 7 = _____
5. 24 × 8 = _____
6. 27 × 9 = _____
7. 30 × 4 = _____
8. 33 × 5 = _____
9. 36 × 6 = _____
10. 39 × 7 = _____
11. 42 × 8 = _____
12. 45 × 9 = _____
13. 48 × 4 = _____
14. 51 × 5 = _____
15. 54 × 6 = _____
16. 57 × 7 = _____
17. 60 × 8 = _____
18. 63 × 9 = _____
19. 66 × 4 = _____
20. 69 × 5 = _____
21. 72 × 6 = _____
22. 75 × 7 = _____
23. 78 × 8 = _____
24. 81 × 9 = _____
25. 84 × 4 = _____
26. 87 × 5 = _____
27. 90 × 6 = _____
28. 93 × 7 = _____
29. 96 × 8 = _____
30. 99 × 9 = _____

Medium Multiplication Practice

Directions: Find each product of these multi-digit whole numbers.

1. 124 × 12 = _____

2. 141 × 13 = _____

3. 158 × 14 = _____

4. 175 × 15 = _____

5. 192 × 16 = _____

6. 209 × 17 = _____

7. 226 × 18 = _____

8. 243 × 19 = _____

9. 260 × 12 = _____

10. 277 × 13 = _____

11. 294 × 14 = _____

12. 311 × 15 = _____

13. 328 × 16 = _____

14. 345 × 17 = _____

15. 362 × 18 = _____

16. 379 × 19 = _____

17. 396 × 12 = _____

18. 413 × 13 = _____

19. 430 × 14 = _____

20. 447 × 15 = _____

21. 464 × 16 = _____

22. 481 × 17 = _____

23. 498 × 18 = _____

24. 515 × 19 = _____

25. 532 × 12 = _____

26. 549 × 13 = _____

27. 566 × 14 = _____

28. 583 × 15 = _____

29. 600 × 16 = _____

30. 617 × 17 = _____

Advanced Multiplication Practice

Directions: Take your time and work carefully. Questions 1–10 use larger whole numbers, while questions 11–30 give extra practice with decimals.

1. 1,205 × 23 = _____

2. 1,342 × 24 = _____

3. 1,479 × 25 = _____

4. 1,616 × 26 = _____

5. 1,753 × 27 = _____

6. 1,890 × 28 = _____

7. 2,027 × 29 = _____

8. 2,164 × 23 = _____

9. 2,301 × 24 = _____
10. 2,438 × 25 = _____
11. 3.83 × 1.2 = _____
12. 4.00 × 1.5 = _____
13. 4.17 × 1.8 = _____
14. 4.34 × 2.1 = _____
15. 4.51 × 2.4 = _____
16. 4.68 × 1.2 = _____
17. 4.85 × 1.5 = _____
18. 5.02 × 1.8 = _____
19. 5.19 × 2.1 = _____
20. 5.36 × 2.4 = _____
21. 3.25 × 2.40 = _____
22. 3.67 × 2.75 = _____
23. 4.09 × 3.10 = _____
24. 4.51 × 3.45 = _____
25. 4.93 × 2.40 = _____
26. 5.35 × 2.75 = _____
27. 5.77 × 3.10 = _____
28. 6.19 × 3.45 = _____
29. 6.61 × 2.40 = _____
30. 7.03 × 2.75 = _____

Mixed Multiplication Practice

Directions: This set blends multi-digit whole numbers, powers of 10, and decimals, so read each question before you start.

1. 246 × 31 = _____
2. 4.38 × 2.5 = _____
3. 50 × 100 = _____
4. 1,375 × 17 = _____
5. 2.19 × 1.75 = _____
6. 301 × 36 = _____
7. 5.03 × 3.0 = _____
8. 85 × 1,000 = _____
9. 2,000 × 16 = _____
10. 3.24 × 1.50 = _____
11. 356 × 32 = _____
12. 5.68 × 3.5 = _____
13. 120 × 100 = _____
14. 2,625 × 15 = _____
15. 4.29 × 2.00 = _____

16. 411 × 37 = _____

17. 6.33 × 2.0 = _____

18. 155 × 1,000 = _____

19. 3,250 × 14 = _____

20. 5.34 × 1.75 = _____

21. 466 × 33 = _____

22. 6.98 × 2.5 = _____

23. 190 × 100 = _____

24. 3,875 × 19 = _____

25. 6.39 × 1.50 = _____

26. 521 × 38 = _____

27. 7.63 × 3.0 = _____

28. 225 × 1,000 = _____

29. 4,500 × 18 = _____

30. 7.44 × 2.00 = _____

Easy Multiplication Word Problems

Directions: Read each story, then write a multiplication equation before you solve it.

1. Each of the 3 boxes a school ordered holds 4 pencils. How many pencils did the school get in all?

2. A coach sets out 5 rows of cones, with 7 cones in each row. How many cones are on the field?

3. A library has 7 shelves, and each shelf holds 10 books. How many books are on those shelves?

4. A bakery packs 9 trays with 13 muffins on each tray. How many muffins are packed?

5. A theater has 11 rows with 16 seats in each row. How many seats are there?

6. The art room receives 13 boxes of pencils, and every box has 19 pencils inside. What is the total number of pencils?

7. Practice drills need 15 lines of 6 cones each. How many cones does the coach need?

8. Each of the 17 shelves in the reading corner holds 9 books. How many books is that in total?

9. Every tray in the bakery display holds 12 muffins, and there are 19 trays. How many muffins is that?

10. Each row in the school auditorium has 15 seats, and there are 3 rows. How many seats does the auditorium have?

11. Ms. Rivera unpacks 5 boxes with 18 pencils in each one. How many pencils does she have?

12. On the field, 7 rows each hold 5 cones. What is the total number of cones?

13. The librarian stacks 8 books on every shelf across 9 shelves. How many books does she shelve?

14. Chef Omar bakes 11 trays of muffins with 11 on each. How many muffins does he bake?

15. The concert hall arranges 13 rows of 14 seats. What is the total number of seats?

16. A supply order arrives as 15 boxes, with 17 pencils per box. How many pencils came in the order?

17. Coach Lee lines up cones in 17 rows of 4. How many cones is that?

18. How many books fit on 19 shelves if each shelf holds 7?

19. The morning batch fills 3 trays, 10 muffins per tray. What is the total number of muffins?

20. How many seats are in a cinema with 5 rows if every row has 13 seats?

21. Counting 16 pencils in every box, how many pencils are there in 7 boxes?

22. There are 19 cones in every row, and the team sets up 9 rows. How many cones are used?

23. Mia counts 6 books on each of 11 shelves. What is the total number of books?

24. If 13 trays each carry 9 muffins, how many muffins are there?

25. A new stadium section has 12 seats per row across 15 rows. How many seats is that?

26. For the new term, a school buys 17 boxes of pencils, and each box contains 15. How many pencils is that altogether?

27. To mark a training course, players place 18 cones in each of 19 rows. How many cones do they place?

28. Books at the school library are arranged on 3 shelves, 5 per shelf. How many books are there?

29. A cafe lines up 5 trays for a catering order, with 8 muffins on every tray. How many muffins are in the order?

30. An auditorium is laid out in 7 rows, with 11 seats to a row. How many seats are there in all?

Medium Multiplication Word Problems

Directions: Solve each one-step problem and include the unit in your answer.

1. A school fundraiser sells 24 tickets each day for 12 days. How many tickets are sold in all?

2. A warehouse packs 31 cartons with 17 notebooks in each carton. How many notebooks are packed?

3. A sports club orders 38 team shirts at $22 each. What is the total cost?

4. A farmer plants 45 rows with 27 seedlings in each row. How many seedlings are planted?

5. A printer produces 52 pages per minute for 32 minutes. How many pages does it print?

6. The drama club sold 59 tickets every day over 37 days. What is the total number of tickets sold?

7. Every carton shipped from the factory holds 42 notebooks. If 66 cartons are shipped, how many notebooks is that?

8. Each team shirt costs $47, and the club buys 73 of them. What is the total cost?

9. Every row in the garden holds 14 seedlings, and there are 80 rows. How many seedlings is that?

10. Running for 19 minutes at 87 pages a minute, how many pages does the office printer turn out?

11. Selling 94 tickets a day, a charity raffle runs for 24 days. How many tickets does it sell?

12. Workers load 25 cartons onto a truck, each carrying 29 notebooks. What is the total number of notebooks?

13. A soccer team needs 32 jerseys priced at $34 apiece. How much will they cost altogether?

14. In the spring, a grower sets 39 seedlings in each of 39 rows. What is the total number of seedlings?

15. The school copier prints 46 pages every minute. How many pages will it print in 44 minutes?

16. Over 49 days, the booth at the town fair sells 53 tickets daily. How many tickets is that altogether?

17. A stationery supplier fills 60 cartons with 16 notebooks apiece. How many notebooks does it ship?

18. The coach pays $21 for each of 67 uniform shirts. How much does she pay in all?

19. The greenhouse has 74 rows, each filled with 26 seedlings. How many seedlings are in the greenhouse?

20. A fast machine makes 81 pages each minute and works for 31 minutes. What is the total number of pages?

21. Each day, volunteers sell 88 tickets for the spring carnival, and sales last 36 days. How many tickets do they sell?

22. The storeroom holds 95 cartons, and each one contains 41 notebooks. How many notebooks are in the storeroom?

23. At $46 per shirt, what would it cost a youth league to order 26 shirts?

24. Volunteers plant 33 rows of 13 seedlings at the community farm. How many seedlings do they plant?

25. During a 18-minute job, a printer makes 40 pages per minute. How many pages is that?

26. A school play sells 47 tickets per day for 23 days in a row. How many tickets are sold?

27. Packing 28 notebooks per carton, a distributor prepares 54 cartons. How many notebooks are packed?

28. A school team orders 61 shirts, paying $33 for every one. What is the total cost?

29. A field is set up in 68 rows, 38 seedlings per row. How many seedlings go in the ground?

30. How many pages does a print shop machine produce in 43 minutes if it prints 75 pages per minute?

Advanced Multiplication Word Problems

Directions: Some of these take more than one step. Write an equation or explain your reasoning.

1. A school buys 18 boxes of markers with 24 markers per box, then receives 75 extra markers. How many markers does the school have altogether?

2. A community center orders 15 kits with 150 pieces in each kit. It gives away 260 pieces from its supply. How many pieces remain?

3. A school sells 14 packs of raffle tickets, and each pack has 37 tickets. If every ticket costs $10 and all are sold, how much money is collected?

4. The art department orders 21 boxes with 27 markers in each, and a donor later adds 84 more. How many markers does the department have now?

5. Each kit a youth program orders holds 225 pieces, and it orders 18 kits. After giving away 290 pieces, how many pieces are left?

6. Each raffle pack holds 40 tickets, and a club prints 17 packs. Tickets cost $8 apiece. If all of them sell, how much money does the club collect?

7. A teacher unpacks 24 boxes of markers, 30 per box, and finds 93 loose markers in a drawer. How many markers is that in total?

8. A recreation center receives 21 craft kits of 125 pieces each. If 320 pieces are handed out to families, how many pieces remain?

9. A PTA prepares 20 packs of 35 raffle tickets each, priced at $11 per ticket. How much money comes in if every ticket is sold?

10. After buying 27 boxes that hold 33 markers each, a school gets a gift of 102 markers. What is the total number of markers?

11. The library has 24 kits, with 200 pieces per kit. It donates 350 pieces to a nearby school. How many pieces does it have left?

12. The soccer team sells 13 packs, every pack containing 38 tickets. With each ticket at $9, how much money is collected once all tickets are gone?

13. An after-school club has 30 boxes containing 25 markers apiece, plus 111 extra markers from parents. How many markers does the club have?

14. Starting with 27 kits that contain 275 pieces apiece, a museum workshop uses up 380 pieces. How many pieces are still in its supply?

15. A library fundraiser has 16 packs of tickets with 41 in each pack. If tickets sell for $12 each and none are left, how much money is raised?

16. Each of 33 boxes has 28 markers. Along with 120 spare markers, how many markers are there in all?

17. Volunteers unpack 30 kits, each with 175 pieces, and set aside 410 pieces for another site. How many pieces do they keep?

18. Raffle tickets sell for $10 apiece. How much money is collected if 19 packs of 36 tickets are all sold?

19. The library buys 36 boxes of markers, with 31 in every box, and later receives 129 additional markers. How many markers does it end up with?

20. A shelter has 33 activity kits with 250 pieces in each. When 440 pieces are given to a neighbor, how many pieces remain?

21. A youth group makes 12 ticket packs, 39 tickets per pack, and charges $8 for each ticket. If every ticket sells, how much money does the group collect?

22. A camp stocks up on 39 boxes of markers. Every box holds 34, and 138 extra markers arrive in a separate package. How many markers does the camp have altogether?

23. There are 150 pieces in every kit, and the center buys 36 kits. If 470 pieces go missing, how many pieces remain?

24. Volunteers bundle raffle tickets into 15 packs of 42. Each ticket is $11. How much money is collected if they sell every one?

25. Students count 42 boxes of 26 markers each, then add the 147 markers donated this week. What is the total number of markers?

26. A club orders 39 kits of 225 pieces each and later gives 500 pieces to new members. How many pieces does the club have left?

27. At the school fair, 18 packs of raffle tickets go on sale. A pack has 37 tickets, and each ticket costs $9. If all sell, how much money is collected?

28. A classroom buys 45 boxes with 29 markers per box and also gets 156 extra markers from a neighbor. How many markers does the classroom have in all?

29. Out of 42 kits with 125 pieces apiece, 530 pieces are given away. How many pieces remain?

30. Counting 40 tickets in each of 21 packs at $12 per ticket, how much money would be collected if every ticket sells?

Mixed Multiplication Word Problems

Directions: Decide which operations you need. A few questions add a second step, and some use decimals.

1. Each pack of paper holds 18 sheets, and the school orders 35 packs. How many sheets does it order?

2. A gym has 25 rows with 17 seats each. If 104 seats are reserved, how many seats are not reserved?

3. One bag of trail mix weighs 1.55 pounds. What is the weight of 4 bags?

4. Each case at the food bank holds 27 cans, and volunteers pack 19 cases. After 125 cans go out to families, how many cans remain?

5. The front office buys 39 packs of printer paper, 22 sheets per pack. How many sheets is that in total?

6. There are 29 rows of 21 seats in the school gym, and 120 of the seats are already reserved. How many seats are still open?

7. Each bag of trail mix has a weight of 2.15 pounds. How much do 4 bags weigh together?

8. A pantry stores 23 cases with 31 cans per case. If 125 cans are handed out this week, how many cans are left?

9. A copy center stocks 43 packs with 26 sheets inside each. How many sheets does it have?

10. An arena section has 33 rows, each with 18 seats. After 136 seats are reserved, how many seats remain available?

11. A hiker packs 4 bags of trail mix that weigh 1.25 pounds apiece. What is the total weight?

12. Volunteers stack 27 cases of 27 cans each, then give away 125 cans. How many cans are still on the shelf?

13. Teachers request 47 packs of paper. If a pack has 21 sheets, how many sheets are requested?

14. A hall is arranged in 37 rows of 22 seats. 152 seats have been reserved for guests. How many seats are left unreserved?

15. At the camp store, every bag of trail mix weighs 1.85 pounds. How many pounds do 4 bags weigh?

16. A community kitchen receives 31 cases, each containing 31 cans, and uses 125 of the cans. How many cans remain?

17. A print shop opens 51 packs of paper containing 25 sheets apiece. What is the total number of sheets?

18. The auditorium seats 19 people in each of its 41 rows. With 168 seats reserved, how many seats are still free?

19. If a bag of trail mix is 2.45 pounds, how heavy are 4 of those bags?

20. The food drive collects 35 cases with 27 cans apiece. After 125 cans are delivered to a shelter, how many cans remain?

21. How many sheets of paper are in 55 packs if every pack has 20 sheets?

22. Out of all the seats in 45 rows of 16, 184 are reserved for the band families. How many seats are not reserved?

23. A scout leader buys 4 bags of trail mix, and each bag weighs 1.55 pounds. What is the combined weight?

24. Counting 31 cans in each of 39 cases, a charity sends 125 cans to a neighboring town. How many cans does it keep?

25. For the new semester, a bookstore receives 59 packs, with 24 sheets in each one. How many sheets arrive?

26. A school gym sets up 49 rows with 20 seats per row, and 200 of those seats are reserved. How many seats can still be booked?

27. Four bags of trail mix go into a backpack, each at 2.15 pounds. How many pounds is that altogether?

28. A church group packs 43 cases of 27 cans and then donates 125 cans. How many cans do they have left?

29. A district delivers 63 packs of paper to a campus, each pack holding 19 sheets. How many sheets are delivered?

30. Counting 17 seats in each of 53 rows, a ballroom has 216 seats reserved. How many seats are unreserved?

Answer Key

Answers follow the order of the worksheets. For word problems, units and dollar signs are included to make checking easier.

Easy Multiplication Practice — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	48	2	75	3	108
4	147	5	192	6	243
7	120	8	165	9	216
10	273	11	336	12	405
13	192	14	255	15	324
16	399	17	480	18	567
19	264	20	345	21	432
22	525	23	624	24	729
25	336	26	435	27	540
28	651	29	768	30	891

Medium Multiplication Practice — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	1,488	2	1,833	3	2,212
4	2,625	5	3,072	6	3,553
7	4,068	8	4,617	9	3,120
10	3,601	11	4,116	12	4,665
13	5,248	14	5,865	15	6,516
16	7,201	17	4,752	18	5,369
19	6,020	20	6,705	21	7,424

22	8,177	23	8,964	24	9,785
25	6,384	26	7,137	27	7,924
28	8,745	29	9,600	30	10,489

Advanced Multiplication Practice — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	27,715	2	32,208	3	36,975
4	42,016	5	47,331	6	52,920
7	58,783	8	49,772	9	55,224
10	60,950	11	4.596	12	6
13	7.506	14	9.114	15	10.824
16	5.616	17	7.275	18	9.036
19	10.899	20	12.864	21	7.8
22	10.0925	23	12.679	24	15.5595
25	11.832	26	14.7125	27	17.887
28	21.3555	29	15.864	30	19.3325

Mixed Multiplication Practice — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	7,626	2	10.95	3	5,000
4	23,375	5	3.8325	6	10,836
7	15.09	8	85,000	9	32,000
10	4.86	11	11,392	12	19.88
13	12,000	14	39,375	15	8.58
16	15,207	17	12.66	18	155,000
19	45,500	20	9.345	21	15,378
22	17.45	23	19,000	24	73,625
25	9.585	26	19,798	27	22.89
28	225,000	29	81,000	30	14.88

Easy Multiplication Word Problems — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	12 pencils	2	35 cones	3	70 books
4	117 muffins	5	176 seats	6	247 pencils
7	90 cones	8	153 books	9	228 muffins
10	45 seats	11	90 pencils	12	35 cones
13	72 books	14	121 muffins	15	182 seats
16	255 pencils	17	68 cones	18	133 books
19	30 muffins	20	65 seats	21	112 pencils
22	171 cones	23	66 books	24	117 muffins
25	180 seats	26	255 pencils	27	342 cones
28	15 books	29	40 muffins	30	77 seats

Medium Multiplication Word Problems — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	288 tickets	2	527 notebooks	3	$836
4	1,215 seedlings	5	1,664 pages	6	2,183 tickets
7	2,772 notebooks	8	$3,431	9	1,120 seedlings
10	1,653 pages	11	2,256 tickets	12	725 notebooks
13	$1,088	14	1,521 seedlings	15	2,024 pages
16	2,597 tickets	17	960 notebooks	18	$1,407
19	1,924 seedlings	20	2,511 pages	21	3,168 tickets

22	3,895 notebooks	23	$1,196	24	429 seedlings
25	720 pages	26	1,081 tickets	27	1,512 notebooks
28	$2,013	29	2,584 seedlings	30	3,225 pages

Advanced Multiplication Word Problems — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	507 markers	2	1,990 pieces	3	$5,180
4	651 markers	5	3,760 pieces	6	$5,440
7	813 markers	8	2,305 pieces	9	$7,700
10	993 markers	11	4,450 pieces	12	$4,446
13	861 markers	14	7,045 pieces	15	$7,872
16	1,044 markers	17	4,840 pieces	18	$6,840
19	1,245 markers	20	7,810 pieces	21	$3,744
22	1,464 markers	23	4,930 pieces	24	$6,930
25	1,239 markers	26	8,275 pieces	27	$5,994
28	1,461 markers	29	4,720 pieces	30	$10,080

Mixed Multiplication Word Problems — Answers

Q#	Answer	Q#	Answer	Q#	Answer
1	630 sheets	2	321 seats	3	6.2 pounds
4	388 cans	5	858 sheets	6	489 seats
7	8.6 pounds	8	588 cans	9	1,118 sheets
10	458 seats	11	5 pounds	12	604 cans
13	987 sheets	14	662 seats	15	7.4 pounds
16	836 cans	17	1,275 sheets	18	611 seats
19	9.8 pounds	20	820 cans	21	1,100 sheets
22	536 seats	23	6.2 pounds	24	1,084 cans
25	1,416 sheets	26	780 seats	27	8.6 pounds
28	1,036 cans	29	1,197 sheets	30	685 seats