

Grade 3 Multiplication Word Problems Worksheet

Easy Practice Problems

Solve each problem. Write a multiplication equation and include the unit in your answer.

Name: _____ **Date:** _____

1. There are 3 bags with 4 apples in each bag. How many apples are there in all?

Answer: _____

2. A classroom has 5 tables with 2 students at each table. How many students are seated?

Answer: _____

3. Mia reads 4 pages each night for 3 nights. How many pages does she read?

Answer: _____

4. There are 6 packs of crayons with 3 crayons in each pack. How many crayons are there?

Answer: _____

5. A farmer puts 5 eggs in each carton. How many eggs are in 4 cartons?

Answer: _____

6. Seven bikes each have 2 wheels. How many wheels are there?

Answer: _____

7. A coach gives 3 stickers to each of 8 players. How many stickers are needed?

Answer: _____

8. There are 4 shelves with 5 books on each shelf. How many books are there?

Answer: _____

9. A baker places 6 muffins on each tray. How many muffins are on 3 trays?

Answer: _____

10. Nine birds sit in each of 2 trees. How many birds are there?

Answer: _____

11. A pack has 4 markers. How many markers are in 7 packs?

Answer: _____

12. There are 5 rows of chairs with 6 chairs in each row. How many chairs?

Answer: _____

13. Each child gets 2 balloons. How many balloons are needed for 9 children?

Answer: _____

14. A garden has 3 rows of 7 flowers. How many flowers are there?

Answer: _____

15. There are 8 boxes with 4 toy cars in each. How many toy cars?

Answer: _____

16. A dog gets 3 treats each day for 5 days. How many treats does it get?

Answer: _____

17. Four teams each have 6 players. How many players are there?

Answer: _____

18. A student puts 7 pencils in each of 3 cups. How many pencils?

Answer: _____

19. There are 6 plates with 4 cookies on each plate. How many cookies?

Answer: _____

20. A toy store has 5 bins with 8 balls in each bin. How many balls?

Answer: _____

21. Each tricycle has 3 wheels. How many wheels do 6 tricycles have?

Answer: _____

22. A library display has 4 stacks of 9 books. How many books?

Answer: _____

23. There are 7 days in a week. How many days are in 3 weeks?

Answer: _____

24. Each lunch tray holds 5 juice boxes. How many juice boxes fit on 6 trays?

Answer: _____

25. A student practices piano for 10 minutes a day for 4 days. How many minutes?

Answer: _____

Medium Practice Problems

Use a strategy such as breaking apart a factor, an array, or a known fact. Show your work.

Name: _____ **Date:** _____

1. A school orders 7 boxes of pencils. Each box has 24 pencils. How many pencils arrive?
Answer: _____
2. There are 8 rows of seats with 16 seats in each row. How many seats are there?
Answer: _____
3. A reading challenge asks Sam to read 18 pages a day for 6 days. How many pages will he read?
Answer: _____
4. A bakery places 12 cookies on each tray. If it fills 9 trays, how many cookies are there?
Answer: _____
5. Each of 7 buses carries 32 students. How many students can ride on all buses?
Answer: _____
6. A gardener plants 8 rows of 14 tomato plants. How many plants?
Answer: _____
7. A store packs 6 toy sets with 25 pieces in each set. How many pieces?
Answer: _____
8. A team scores 15 points in each of 7 games. How many points is that altogether?
Answer: _____
9. There are 9 shelves with 27 books on each shelf. How many books?
Answer: _____
10. A camp has 8 cabins with 18 campers in each cabin. How many campers?
Answer: _____
11. A printer makes 36 flyers per minute for 4 minutes. How many flyers?
Answer: _____
12. A farm collects 28 eggs each day for 5 days. How many eggs?
Answer: _____
13. A theater has 7 rows with 19 seats per row. How many seats?
Answer: _____
14. A class earns 17 points each day for 6 days. How many points?
Answer: _____
15. A craft kit contains 24 beads. How many beads are in 8 kits?
Answer: _____
16. A runner jogs 3 miles each day for 7 days. How many miles?
Answer: _____
17. Each case holds 16 water bottles. How many bottles are in 9 cases?
Answer: _____
18. A school buys 5 packs of notebooks with 28 notebooks per pack. How many notebooks?
Answer: _____
19. A movie theater sells 23 tickets in each of 6 online batches. How many tickets?
Answer: _____
20. A science lab sets up 7 tables with 14 samples on each table. How many samples?
Answer: _____
21. Each of 4 classes collects 26 cans for a food drive. How many cans?
Answer: _____

22. A florist makes 8 bouquets with 15 flowers each. How many flowers?

Answer: _____

23. A shop has 9 cartons of 22 juice boxes. How many juice boxes?

Answer: _____

24. A school bus travels 42 miles on each of 3 field-trip days. How many miles?

Answer: _____

25. There are 6 teams with 18 players on each team. How many players?

Answer: _____

Advanced Practice Problems

These multi-step problems are enrichment. Write an equation for each step and label your final answer.

Name: _____ Date: _____

1. A school buys 8 boxes of notebooks with 24 notebooks in each box, then gives 37 notebooks to another class. How many notebooks remain?
Answer: _____
2. A theater has 9 sections with 28 seats each. If 46 seats are empty, how many seats are occupied?
Answer: _____
3. A farm packs 7 crates with 36 oranges each and 5 crates with 24 apples each. How many pieces of fruit are packed?
Answer: _____
4. A teacher buys 6 packs of 18 markers and 4 packs of 12 pencils. How many supplies does the teacher buy altogether?
Answer: _____
5. A fundraiser sells 8 bundles of 25 tickets on Friday and 7 bundles of 25 tickets on Saturday. How many tickets are sold?
Answer: _____
6. A garden has 6 rows of 17 tulips and 6 rows of 13 daffodils. How many flowers are there?
Answer: _____
7. A camp orders 9 cases of 24 water bottles. Campers drink 58 bottles. How many bottles remain?
Answer: _____
8. A store displays 7 shelves with 32 puzzles each. It sells 89 puzzles. How many remain?
Answer: _____
9. A school has 8 buses with 36 seats each. If 259 seats are filled, how many seats are empty?
Answer: _____
10. A baker makes 9 trays of 18 muffins in the morning and 7 trays of 18 in the afternoon. How many muffins are made?
Answer: _____
11. A library receives 5 cartons with 48 books each and 3 cartons with 32 books each. How many books arrive?
Answer: _____
12. A sports club has 7 teams with 16 players each. If 19 players are absent, how many players attend?
Answer: _____
13. A school prints 8 classes' sets of 27 worksheets and then prints 35 extra copies. How many copies are printed?
Answer: _____
14. A shop packs 6 boxes with 34 toy cars each and gives away 47 cars. How many cars are left?
Answer: _____
15. A farmer gathers 8 baskets with 29 peaches each and 4 baskets with 17 pears each. How many fruits?
Answer: _____
16. A reading program has 9 groups reading 26 books each. They donate 64 books. How many books are not donated?
Answer: _____
17. A school buys 7 packages of 36 crayons and 5 packages of 18 colored pencils. How many items?
Answer: _____
18. A stadium has 8 rows with 45 seats per row. If 297 people sit down, how many seats are unoccupied?
Answer: _____
19. A pet shelter prepares 6 trays with 28 bowls of food each for dogs and 4 trays with 19 bowls each for cats. How many bowls?
Answer: _____
20. A craft store receives 9 packs of 35 buttons and sells 128 buttons. How many buttons remain?
Answer: _____

- 21.** A class collects 8 bags with 24 cans each on Monday and 6 bags with 24 cans each on Tuesday. How many cans?
Answer: _____
- 22.** A bakery packs 7 boxes of 32 cupcakes and 5 boxes of 18 cookies. How many baked goods are packed?
Answer: _____
- 23.** A coach orders 9 packs of 14 tennis balls and 8 packs of 12 practice balls. How many balls?
Answer: _____
- 24.** A museum shop has 6 shelves with 38 postcards each. It sells 79 postcards. How many remain?
Answer: _____
- 25.** A school has 7 classes with 29 students each. If 18 students are on a field trip, how many students remain at school?
Answer: _____

Mixed Practice Problems

Read carefully: some problems take one step and others take two. Choose the operation or operations you need.

Name: _____ Date: _____

1. A teacher puts 8 books on each of 7 tables. How many books are on the tables?

Answer: _____

2. A toy has 4 wheels. How many wheels do 9 toys have?

Answer: _____

3. There are 6 boxes with 23 markers each. How many markers are there?

Answer: _____

4. A team earns 18 points in each of 5 matches. How many points?

Answer: _____

5. A farm has 7 pens with 12 rabbits in each pen. How many rabbits?

Answer: _____

6. A shop receives 8 packs of 16 notebooks and sells 35 notebooks. How many remain?

Answer: _____

7. There are 9 rows with 14 chairs in each row. How many chairs?

Answer: _____

8. A baker makes 6 trays of 24 rolls and then makes 18 more rolls. How many rolls?

Answer: _____

9. Each of 5 students has 7 trading cards. How many cards altogether?

Answer: _____

10. A school buys 4 cartons with 28 juice boxes in each. How many juice boxes?

Answer: _____

11. A gardener plants 8 rows of 9 seeds. How many seeds?

Answer: _____

12. There are 7 teams with 18 players each. How many players?

Answer: _____

13. A store has 9 boxes with 25 erasers each. It gives away 40 erasers. How many remain?

Answer: _____

14. A library places 6 books on each of 8 carts. How many books?

Answer: _____

15. A school orders 3 packs of 32 folders and 2 packs of 18 folders. How many folders?

Answer: _____

16. Each of 8 buses carries 27 students. How many students ride?

Answer: _____

17. A cook places 5 cookies on each of 9 plates. How many cookies?

Answer: _____

18. A sports store packs 7 boxes with 34 balls each. It sells 56 balls. How many remain?

Answer: _____

19. There are 4 rows of 26 desks. How many desks?

Answer: _____

20. A camp gives 3 badges to each of 28 campers. How many badges?

Answer: _____

21. A florist makes 8 bunches with 15 daisies each. How many daisies?

Answer: _____

22. A school collects 6 bags of 19 cans and 5 bags of 19 cans. How many cans?

Answer: _____

23. A printer makes 24 flyers per class for 7 classes. How many flyers?

Answer: _____

24. A toy shop has 8 shelves with 17 toys each. It sells 29 toys. How many are left?

Answer: _____

25. A student saves \$6 each week for 8 weeks. How much money is saved?

Answer: _____

Answer Key

Answers are listed by section. Each table uses three question-and-answer pairs per row to save space.

Easy Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	$3 \times 4 = 12$ apples	2	$5 \times 2 = 10$ students	3	$4 \times 3 = 12$ pages
4	$6 \times 3 = 18$ crayons	5	$5 \times 4 = 20$ eggs	6	$7 \times 2 = 14$ wheels
7	$3 \times 8 = 24$ stickers	8	$4 \times 5 = 20$ books	9	$6 \times 3 = 18$ muffins
10	$9 \times 2 = 18$ birds	11	$4 \times 7 = 28$ markers	12	$5 \times 6 = 30$ chairs
13	$2 \times 9 = 18$ balloons	14	$3 \times 7 = 21$ flowers	15	$8 \times 4 = 32$ toy cars
16	$3 \times 5 = 15$ treats	17	$4 \times 6 = 24$ players	18	$7 \times 3 = 21$ pencils
19	$6 \times 4 = 24$ cookies	20	$5 \times 8 = 40$ balls	21	$3 \times 6 = 18$ wheels
22	$4 \times 9 = 36$ books	23	$7 \times 3 = 21$ days	24	$5 \times 6 = 30$ juice boxes
25	$10 \times 4 = 40$ minutes				

Medium Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	$7 \times 24 = 168$ pencils	2	$8 \times 16 = 128$ seats	3	$18 \times 6 = 108$ pages
4	$9 \times 12 = 108$ cookies	5	$7 \times 32 = 224$ students	6	$8 \times 14 = 112$ plants
7	$6 \times 25 = 150$ pieces	8	$15 \times 7 = 105$ points	9	$9 \times 27 = 243$ books
10	$8 \times 18 = 144$ campers	11	$36 \times 4 = 144$ flyers	12	$28 \times 5 = 140$ eggs
13	$7 \times 19 = 133$ seats	14	$17 \times 6 = 102$ points	15	$24 \times 8 = 192$ beads
16	$3 \times 7 = 21$ miles	17	$16 \times 9 = 144$ bottles	18	$5 \times 28 = 140$ notebooks
19	$23 \times 6 = 138$ tickets	20	$7 \times 14 = 98$ samples	21	$4 \times 26 = 104$ cans
22	$8 \times 15 = 120$ flowers	23	$9 \times 22 = 198$ juice boxes	24	$42 \times 3 = 126$ miles
25	$6 \times 18 = 108$ players				

Advanced Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
1	$8 \times 24 - 37 = 155$ notebooks	2	$9 \times 28 - 46 = 206$ seats	3	$7 \times 36 + 5 \times 24 = 372$ pieces of fruit
4	$6 \times 18 + 4 \times 12 = 156$ supplies	5	$(8 + 7) \times 25 = 375$ tickets	6	$6 \times 17 + 6 \times 13 = 180$ flowers
7	$9 \times 24 - 58 = 158$ bottles	8	$7 \times 32 - 89 = 135$ puzzles	9	$8 \times 36 - 259 = 29$ seats
10	$(9 + 7) \times 18 = 288$ muffins	11	$5 \times 48 + 3 \times 32 = 336$ books	12	$7 \times 16 - 19 = 93$ players
13	$8 \times 27 + 35 = 251$ copies	14	$6 \times 34 - 47 = 157$ cars	15	$8 \times 29 + 4 \times 17 = 300$ fruits
16	$9 \times 26 - 64 = 170$ books	17	$7 \times 36 + 5 \times 18 = 342$ items	18	$8 \times 45 - 297 = 63$ seats
19	$6 \times 28 + 4 \times 19 = 244$ bowls	20	$9 \times 35 - 128 = 187$ buttons	21	$(8 + 6) \times 24 = 336$ cans
22	$7 \times 32 + 5 \times 18 = 314$ baked goods	23	$9 \times 14 + 8 \times 12 = 222$ balls	24	$6 \times 38 - 79 = 149$ postcards
25	$7 \times 29 - 18 = 185$ students				

Mixed Answer Key

Q#	Answer	Q#	Answer	Q#	Answer
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1	$8 \times 7 = 56$ books	2	$4 \times 9 = 36$ wheels	3	$6 \times 23 = 138$ markers
4	$18 \times 5 = 90$ points	5	$7 \times 12 = 84$ rabbits	6	$8 \times 16 - 35 = 93$ notebooks
7	$9 \times 14 = 126$ chairs	8	$6 \times 24 + 18 = 162$ rolls	9	$5 \times 7 = 35$ cards
10	$4 \times 28 = 112$ juice boxes	11	$8 \times 9 = 72$ seeds	12	$7 \times 18 = 126$ players
13	$9 \times 25 - 40 = 185$ erasers	14	$6 \times 8 = 48$ books	15	$3 \times 32 + 2 \times 18 = 132$ folders
16	$8 \times 27 = 216$ students	17	$5 \times 9 = 45$ cookies	18	$7 \times 34 - 56 = 182$ balls
19	$4 \times 26 = 104$ desks	20	$3 \times 28 = 84$ badges	21	$8 \times 15 = 120$ daisies
22	$(6 + 5) \times 19 = 209$ cans	23	$24 \times 7 = 168$ flyers	24	$8 \times 17 - 29 = 107$ toys
25	$\$6 \times 8 = \$48$				