

Multiplication of Double-digit Numbers with Single-digit Numbers
Grade 1

Name: _____ Date: _____

Section A: Vertical Multiplication - Without Carrying

Solve these multiplication problems. Write your answer below the line.

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 1. 1 1 | 2. 2 0 | 3. 2 2 | 4. 3 0 | 5. 3 3 |
| × 2 | × 3 | × 4 | × 2 | × 3 |
| ----- | ----- | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- | ----- |

| | | | | |
|-----------|-----------|-----------|-----------|------------|
| 6. 4 4 | 7. 2 1 | 8. 1 2 | 9. 3 1 | 10. 2 3 |
| × 2 | × 4 | × 3 | × 3 | × 2 |
| ----- | ----- | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- | ----- |

| | | | | |
|------------|------------|------------|------------|------------|
| 11. 3 2 | 12. 1 0 | 13. 4 3 | 14. 1 1 | 15. 2 4 |
| × 3 | × 5 | × 2 | × 4 | × 2 |
| ----- | ----- | ----- | ----- | ----- |
| ----- | ----- | ----- | ----- | ----- |

Section B: Vertical Multiplication - With Carrying

Solve these multiplication problems. Remember to carry when needed!

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 1. 1 4 | 2. 1 9 | 3. 2 6 | 4. 1 8 | 5. 2 5 |
| × 5 | × 3 | × 4 | × 2 | × 4 |
| ----- | ----- | ----- | ----- | ----- |

| | | | | | | | | | |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 6. | 1 7 | 7. | 2 8 | 8. | 1 6 | 9. | 2 9 | 10. | 3 5 |
| | × 4 | | × 3 | | × 5 | | × 2 | | × 3 |
| | ----- | | ----- | | ----- | | ----- | | ----- |
| | ----- | | ----- | | ----- | | ----- | | ----- |
| | | | | | | | | | |
| 11. | 2 7 | 12. | 1 5 | 13. | 3 9 | 14. | 4 6 | 15. | 3 8 |
| | × 3 | | × 5 | | × 2 | | × 2 | | × 2 |
| | ----- | | ----- | | ----- | | ----- | | ----- |
| | ----- | | ----- | | ----- | | ----- | | ----- |
| | | | | | | | | | |
| 16. | 1 9 | 17. | 3 7 | 18. | 4 8 | 19. | 2 9 | 20. | 4 5 |
| | × 4 | | × 2 | | × 2 | | × 3 | | × 2 |
| | ----- | | ----- | | ----- | | ----- | | ----- |
| | ----- | | ----- | | ----- | | ----- | | ----- |

Section C: Horizontal Multiplication

Solve these multiplication problems. Show your work.

1. $13 \times 3 = \underline{\quad}$

2. $22 \times 4 = \underline{\quad}$

3. $31 \times 2 = \underline{\quad}$

4. $15 \times 4 = \underline{\quad}$

5. $24 \times 3 = \underline{\quad}$

6. $17 \times 5 = \underline{\quad}$

7. $28 \times 2 = \underline{\quad}$

8. $19 \times 4 = \underline{\quad}$

9. $36 \times 2 = \underline{\quad}$

10. $14 \times 5 = \underline{\quad}$

$11.25 \times 3 = \underline{\quad}$

$12.18 \times 5 = \underline{\quad}$

$13.27 \times 4 = \underline{\quad}$

$14.32 \times 3 = \underline{\quad}$

$15.49 \times 2 = \underline{\quad}$

Section D: Expanded Form Multiplication

Break the number into tens and ones, then multiply. Follow the example.

Example: $23 \times 2 = ?$

$23 = 20 + 3$

$20 \times 2 = 40$

$3 \times 2 = 6$

$40 + 6 = 46$

1. **$34 \times 2 = ?$**

2. $34 = \underline{\quad} + \underline{\quad}$

3. $\underline{\quad} \times 2 = \underline{\quad}$

4. $\underline{\quad} \times 2 = \underline{\quad}$

5. $\underline{\quad} + \underline{\quad} = \underline{\quad}$

6. **$25 \times 3 = ?$**

7. $25 = \underline{\quad} + \underline{\quad}$

8. $\underline{\quad} \times 3 = \underline{\quad}$

9. $\underline{\quad} \times 3 = \underline{\quad}$

10. $\underline{\quad} + \underline{\quad} = \underline{\quad}$

11. **$43 \times 2 = ?$**

12. $43 = \underline{\quad} + \underline{\quad}$

13. $\underline{\quad} \times 2 = \underline{\quad}$

14. ___ \times 2 = ___

15. ___ + ___ = ___

16. **31 \times 4 = ?**

17. 31 = ___ + ___

18. ___ \times 4 = ___

19. ___ \times 4 = ___

20. ___ + ___ = ___

21. **26 \times 3 = ?**

22. 26 = ___ + ___

23. ___ \times 3 = ___

24. ___ \times 3 = ___

25. ___ + ___ = ___

26. **42 \times 4 = ?**

27. 42 = ___ + ___

28. ___ \times 4 = ___

29. ___ \times 4 = ___

30. ___ + ___ = ___

31. **35 \times 2 = ?**

32. 35 = ___ + ___

33. ___ \times 2 = ___

34. ___ \times 2 = ___

35. ___ + ___ = ___

36. **16 \times 5 = ?**

37. 16 = ___ + ___

38. ___ \times 5 = ___

39. ___ \times 5 = ___

$40. \underline{\quad} + \underline{\quad} = \underline{\quad}$

$41. 27 \times 3 = ?$

$42. 27 = \underline{\quad} + \underline{\quad}$

$43. \underline{\quad} \times 3 = \underline{\quad}$

$44. \underline{\quad} \times 3 = \underline{\quad}$

$45. \underline{\quad} + \underline{\quad} = \underline{\quad}$

$46. 38 \times 2 = ?$

$47. 38 = \underline{\quad} + \underline{\quad}$

$48. \underline{\quad} \times 2 = \underline{\quad}$

$49. \underline{\quad} \times 2 = \underline{\quad}$

$50. \underline{\quad} + \underline{\quad} = \underline{\quad}$

Section E: Fill in the Missing Numbers

Complete these multiplication problems.

$1. 12 \times \underline{\quad} = 48$

$2. \underline{\quad} \times 3 = 63$

$3. 15 \times \underline{\quad} = 75$

$4. \underline{\quad} \times 4 = 68$

$5. 18 \times \underline{\quad} = 54$

$6. \underline{\quad} \times 2 = 58$

$7. 24 \times \underline{\quad} = 96$

$8. \underline{\quad} \times 5 = 95$

$9. 16 \times \underline{\quad} = 64$

$10. \underline{\quad} \times 3 = 72$

Section F: Word Problems - Show Your Work

Solve each problem. Write the multiplication sentence and show your calculation.

1. **The Pencil Box Problem:** Each pencil box has 24 pencils. The teacher buys 3 pencil boxes. How many pencils does the teacher have in total?

Multiplication: _____

Work:

Answer: _____ pencils

2. **The Egg Carton Problem:** One egg carton holds 12 eggs. How many eggs are in 5 cartons?

Multiplication: _____

Work:

Answer: _____ eggs

3. **The Cookie Box Problem:** A bakery puts 18 cookies in each box. They pack 4 boxes. How many cookies did they pack?

Multiplication: _____

Work:

Answer: _____ cookies

4. **The Bus Problem:** Each bus can carry 35 students. There are 2 buses going on a field trip. How many students can go?

Multiplication: _____

Work:

Answer: _____ students

5. **The Flower Bouquet Problem:** Each bouquet has 16 flowers. A shop makes 5 bouquets. How many flowers are used?

Multiplication: _____

Work:

Answer: _____ flowers

6. **The Sticker Pack Problem:** Each sticker pack has 25 stickers. A child buys 4 packs. How many stickers does the child have?

Multiplication: _____

Work:

Answer: _____ stickers

7. **The Book Pages Problem:** Each chapter in a book has 22 pages. There are 4 chapters. How many pages are there in total?

Multiplication: _____

Work:

Answer: _____ pages

8. **The Marble Bag Problem:** Each bag contains 17 marbles. Sam has 3 bags. How many marbles does Sam have?

Multiplication: _____

Work:

Answer: _____ marbles

9. **The Crayon Box Problem:** A box has 28 crayons. The art teacher has 3 boxes. How many crayons does the teacher have?

Multiplication: _____

Work:

Answer: _____ crayons

10. **The Stamp Sheet Problem:** Each sheet has 15 stamps. The post office sells 5 sheets. How many stamps were sold?

Multiplication: _____

Work:

Answer: _____ stamps

11. The Toy Car Set Problem: Each toy car set has 14 cars. A store has 4 sets. How many toy cars are in the store?

Multiplication: _____

Work:

Answer: _____ toy cars

12. The Juice Box Problem: Each pack has 12 juice boxes. Mom buys 5 packs for a party. How many juice boxes does she have?

Multiplication: _____

Work:

Answer: _____ juice boxes

13. The Garden Row Problem: A garden has 19 plants in each row. There are 3 rows. How many plants are in the garden?

Multiplication: _____

Work:

Answer: _____ plants

14. The Button Card Problem: Each card has 26 buttons. A tailor has 2 cards. How many buttons does the tailor have?

Multiplication: _____

Work:

Answer: _____ buttons

15. The Candy Jar Problem: A jar holds 23 candies. There are 4 jars on the shelf. How many candies are there in total?

Multiplication: _____

Work:

Answer: _____ candies

Section G: True or False

Write T for True and F for False.

1. $15 \times 4 = 60$ _____

2. $23 \times 3 = 96$ _____

3. $18 \times 5 = 90$ _____

4. $27 \times 2 = 54$ _____

5. $16 \times 3 = 45$ _____

Section H: Match the Problems with Answers

Draw a line to match each multiplication problem with its correct answer.

Column A Column B

1. 14×5 a) 72

2. 18×4 b) 85

3. 25×3 c) 70

4. 17×5 d) 75

5. 24×3 e) 96

Section I: Challenge Problems

Solve these tricky problems!

1. What number should be multiplied by 4 to get 76?

____ $\times 4 = 76$

Answer: ____

2. If $15 \times 5 = 75$, then what is 25×3 ?

Answer: ____

3. Double the answer: First find 13×3 , then multiply that answer by 2.

$13 \times 3 =$ ____

____ $\times 2 =$ ____

Final Answer: ____

4. Complete the pattern:

$12 \times 2 = 24$

$12 \times 3 = 36$

$12 \times 4 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

5. A number multiplied by 5 gives 95. What is that number?

$\underline{\quad} \times 5 = 95$

Answer: $\underline{\quad}$

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ANSWER KEY

Section A: Vertical Multiplication - Without Carrying

1. 22
2. 60
3. 88
4. 60
5. 99
6. 88
7. 84
8. 36
9. 93
10. 46
11. 96
12. 50
13. 86
14. 44
15. 48

Section B: Vertical Multiplication - With Carrying

1. 70
2. 57
3. 104
4. 36
5. 100
6. 68
7. 84
8. 80

9. 58

10.105

11.81

12.75

13.78

14.92

15.76

16.76

17.74

18.96

19.87

20.90

Section C: Horizontal Multiplication

1. 39

2. 88

3. 62

4. 60

5. 72

6. 85

7. 56

8. 76

9. 72

10.70

11.75

12.90

13.108

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14.96

15.98

Section D: Expanded Form Multiplication

1. **$34 \times 2 = 68$**

2. $34 = 30 + 4$

3. $30 \times 2 = 60$

4. $4 \times 2 = 8$

5. $60 + 8 = 68$

6. **$25 \times 3 = 75$**

7. $25 = 20 + 5$

8. $20 \times 3 = 60$

9. $5 \times 3 = 15$

10. $60 + 15 = 75$

11. **$43 \times 2 = 86$**

12. $43 = 40 + 3$

13. $40 \times 2 = 80$

14. $3 \times 2 = 6$

15. $80 + 6 = 86$

16. **$31 \times 4 = 124$**

17. $31 = 30 + 1$

18. $30 \times 4 = 120$

19. $1 \times 4 = 4$

20. $120 + 4 = 124$

21. **$26 \times 3 = 78$**

22. $26 = 20 + 6$

23. $20 \times 3 = 60$

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$24.6 \times 3 = 18$

$25.60 + 18 = 78$

$26.42 \times 4 = 168$

$27.42 = 40 + 2$

$28.40 \times 4 = 160$

$29.2 \times 4 = 8$

$30.160 + 8 = 168$

$31.35 \times 2 = 70$

$32.35 = 30 + 5$

$33.30 \times 2 = 60$

$34.5 \times 2 = 10$

$35.60 + 10 = 70$

$36.16 \times 5 = 80$

$37.16 = 10 + 6$

$38.10 \times 5 = 50$

$39.6 \times 5 = 30$

$40.50 + 30 = 80$

$41.27 \times 3 = 81$

$42.27 = 20 + 7$

$43.20 \times 3 = 60$

$44.7 \times 3 = 21$

$45.60 + 21 = 81$

$46.38 \times 2 = 76$

$47.38 = 30 + 8$

$48.30 \times 2 = 60$

$49.8 \times 2 = 16$

$$50.60 + 16 = 76$$

Section E: Fill in the Missing Numbers

1. 4 ($12 \times 4 = 48$)
2. 21 ($21 \times 3 = 63$)
3. 5 ($15 \times 5 = 75$)
4. 17 ($17 \times 4 = 68$)
5. 3 ($18 \times 3 = 54$)
6. 29 ($29 \times 2 = 58$)
7. 4 ($24 \times 4 = 96$)
8. 19 ($19 \times 5 = 95$)
9. 4 ($16 \times 4 = 64$)
- 10.24 ($24 \times 3 = 72$)

Section F: Word Problems

1. $24 \times 3 = 72$ pencils
2. $12 \times 5 = 60$ eggs
3. $18 \times 4 = 72$ cookies
4. $35 \times 2 = 70$ students
5. $16 \times 5 = 80$ flowers
6. $25 \times 4 = 100$ stickers
7. $22 \times 4 = 88$ pages
8. $17 \times 3 = 51$ marbles
9. $28 \times 3 = 84$ crayons
10. $15 \times 5 = 75$ stamps
11. $14 \times 4 = 56$ toy cars
12. $12 \times 5 = 60$ juice boxes
13. $19 \times 3 = 57$ plants

$$14.26 \times 2 = 52 \text{ buttons}$$

$$15.23 \times 4 = 92 \text{ candies}$$

Section G: True or False

1. T ($15 \times 4 = 60$)
2. F ($23 \times 3 = 69$, not 96)
3. T ($18 \times 5 = 90$)
4. T ($27 \times 2 = 54$)
5. F ($16 \times 3 = 48$, not 45)

Section H: Match the Problems with Answers

1. $14 \times 5 = c$) 70
2. $18 \times 4 = e$) 72
3. $25 \times 3 = d$) 75
4. $17 \times 5 = b$) 85
5. $24 \times 3 = a$) 72

Section I: Challenge Problems

1. 19 ($19 \times 4 = 76$)
 2. 75 ($25 \times 3 = 75$)
 3. $13 \times 3 = 39$ $39 \times 2 = 78$ Final Answer: 78
 4. Pattern completion: $12 \times 4 = 48$ $12 \times 5 = 60$
 5. 19 ($19 \times 5 = 95$)
-