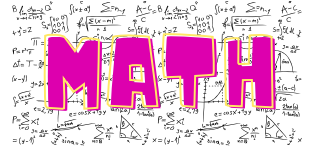


Multiplication



Mental multiplication: multiplication tables 1 to 10 practice

1. $2 \times 2 =$ _____

2. $1 \times 2 =$ _____

3. $4 \times 4 =$ _____

4. $4 \times 2 =$ _____

5. $6 \times 1 =$ _____

6. $2 \times 5 =$ _____

7. $6 \times 5 =$ _____

8. $8 \times 2 =$ _____

9. $9 \times 1 =$ _____

10. $7 \times 5 =$ _____

11. $4 \times 3 =$ _____

12. $6 \times 3 =$ _____

13. $3 \times 5 =$ _____

14. $1 \times 1 =$ _____

15. $4 \times 6 =$ _____

16. $7 \times 8 =$ _____

17. $3 \times 6 =$ _____

18. $8 \times 9 =$ _____

19. $8 \times 6 =$ _____

20. $5 \times 8 =$ _____

21. $9 \times 3 =$ _____

22. $4 \times 7 =$ _____

23. $7 \times 9 =$ _____

24. $4 \times 6 =$ _____

25. $8 \times 4 =$ _____

26. $9 \times 8 =$ _____

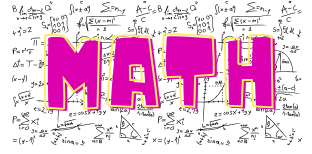
27. $6 \times 7 =$ _____

28. $6 \times 6 =$ _____

29. $9 \times 9 =$ _____

30. $2 \times 9 =$ _____

Multiplication



ANSWER KEY

1. $2 \times 2 = \underline{4}$

2. $1 \times 2 = \underline{2}$

3. $4 \times 4 = \underline{16}$

4. $4 \times 2 = \underline{8}$

5. $6 \times 1 = \underline{6}$

6. $2 \times 5 = \underline{10}$

7. $6 \times 5 = \underline{30}$

8. $8 \times 2 = \underline{16}$

9. $9 \times 1 = \underline{9}$

10. $7 \times 5 = \underline{35}$

11. $4 \times 3 = \underline{12}$

12. $6 \times 3 = \underline{18}$

13. $3 \times 5 = \underline{15}$

14. $1 \times 1 = \underline{1}$

15. $4 \times 6 = \underline{24}$

16. $7 \times 8 = \underline{56}$

17. $3 \times 6 = \underline{18}$

18. $8 \times 9 = \underline{72}$

19. $8 \times 6 = \underline{48}$

20. $5 \times 8 = \underline{40}$

21. $9 \times 3 = \underline{27}$

22. $4 \times 7 = \underline{28}$

23. $7 \times 9 = \underline{63}$

24. $4 \times 6 = \underline{24}$

25. $8 \times 4 = \underline{32}$

26. $9 \times 8 = \underline{72}$

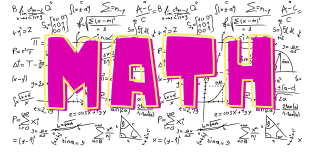
27. $6 \times 7 = \underline{42}$

28. $6 \times 6 = \underline{36}$

29. $9 \times 9 = \underline{81}$

30. $2 \times 9 = \underline{18}$

Multiplication



Mental multiplication: multiplication tables 1 to 20 practice

1. $8 \times 11 =$ _____

16. $4 \times 16 =$ _____

2. $7 \times 11 =$ _____

17. $9 \times 18 =$ _____

3. $7 \times 13 =$ _____

18. $7 \times 19 =$ _____

4. $9 \times 13 =$ _____

19. $7 \times 13 =$ _____

5. $3 \times 12 =$ _____

20. $8 \times 18 =$ _____

6. $2 \times 14 =$ _____

21. $13 \times 11 =$ _____

7. $7 \times 15 =$ _____

22. $14 \times 14 =$ _____

8. $2 \times 20 =$ _____

23. $14 \times 18 =$ _____

9. $8 \times 16 =$ _____

24. $11 \times 19 =$ _____

10. $8 \times 20 =$ _____

25. $13 \times 20 =$ _____

11. $4 \times 17 =$ _____

26. $18 \times 17 =$ _____

12. $4 \times 18 =$ _____

27. $15 \times 17 =$ _____

13. $5 \times 14 =$ _____

28. $19 \times 19 =$ _____

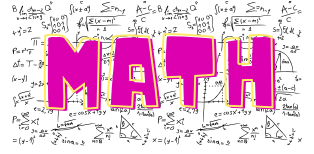
14. $3 \times 14 =$ _____

29. $19 \times 16 =$ _____

15. $5 \times 11 =$ _____

30. $20 \times 20 =$ _____

Multiplication



ANSWER KEY

1. $8 \times 11 = \underline{88}$

2. $7 \times 11 = \underline{77}$

3. $7 \times 13 = \underline{91}$

4. $9 \times 13 = \underline{117}$

5. $3 \times 12 = \underline{36}$

6. $2 \times 14 = \underline{28}$

7. $7 \times 15 = \underline{105}$

8. $2 \times 20 = \underline{40}$

9. $8 \times 16 = \underline{128}$

10. $8 \times 20 = \underline{160}$

11. $4 \times 17 = \underline{68}$

12. $4 \times 18 = \underline{72}$

13. $5 \times 14 = \underline{70}$

14. $3 \times 14 = \underline{42}$

15. $5 \times 11 = \underline{55}$

16. $4 \times 16 = \underline{64}$

17. $9 \times 18 = \underline{162}$

18. $7 \times 19 = \underline{133}$

19. $7 \times 13 = \underline{91}$

20. $8 \times 18 = \underline{144}$

21. $13 \times 11 = \underline{143}$

22. $14 \times 14 = \underline{196}$

23. $14 \times 18 = \underline{252}$

24. $11 \times 19 = \underline{209}$

25. $13 \times 20 = \underline{260}$

26. $18 \times 17 = \underline{306}$

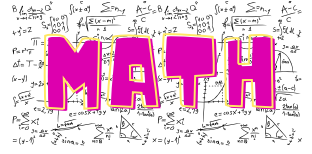
27. $15 \times 17 = \underline{255}$

28. $19 \times 19 = \underline{361}$

29. $19 \times 16 = \underline{304}$

30. $20 \times 20 = \underline{400}$

Multiplication



Mental multiplication: multiplication tables 1 to 10 practice
(missing multiplicand and multiplier)

1. $7 \times \underline{\hspace{2cm}} = 63$

16. $\underline{\hspace{2cm}} \times 7 = 42$

2. $1 \times \underline{\hspace{2cm}} = 3$

17. $\underline{\hspace{2cm}} \times 9 = 36$

3. $3 \times \underline{\hspace{2cm}} = 12$

18. $\underline{\hspace{2cm}} \times 2 = 6$

4. $4 \times \underline{\hspace{2cm}} = 32$

19. $\underline{\hspace{2cm}} \times 2 = 10$

5. $5 \times \underline{\hspace{2cm}} = 40$

20. $\underline{\hspace{2cm}} \times 5 = 25$

6. $3 \times \underline{\hspace{2cm}} = 21$

21. $\underline{\hspace{2cm}} \times 1 = 7$

7. $5 \times \underline{\hspace{2cm}} = 30$

22. $\underline{\hspace{2cm}} \times 5 = 35$

8. $6 \times \underline{\hspace{2cm}} = 36$

23. $\underline{\hspace{2cm}} \times 9 = 54$

9. $7 \times \underline{\hspace{2cm}} = 49$

24. $\underline{\hspace{2cm}} \times 9 = 81$

10. $8 \times \underline{\hspace{2cm}} = 64$

25. $\underline{\hspace{2cm}} \times 2 = 16$

11. $8 \times \underline{\hspace{2cm}} = 72$

26. $\underline{\hspace{2cm}} \times 6 = 48$

12. $4 \times \underline{\hspace{2cm}} = 16$

27. $\underline{\hspace{2cm}} \times 5 = 35$

13. $3 \times \underline{\hspace{2cm}} = 15$

28. $\underline{\hspace{2cm}} \times 3 = 27$

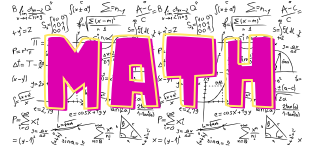
14. $3 \times \underline{\hspace{2cm}} = 18$

29. $\underline{\hspace{2cm}} \times 5 = 45$

15. $7 \times \underline{\hspace{2cm}} = 56$

30. $\underline{\hspace{2cm}} \times 2 = 18$

Multiplication



ANSWER KEY

1. $7 \times \underline{9} = 63$

2. $1 \times \underline{3} = 3$

3. $3 \times \underline{4} = 12$

4. $4 \times \underline{8} = 32$

5. $5 \times \underline{8} = 40$

6. $3 \times \underline{7} = 21$

7. $5 \times \underline{6} = 30$

8. $6 \times \underline{6} = 36$

9. $7 \times \underline{7} = 49$

10. $8 \times \underline{8} = 64$

11. $8 \times \underline{9} = 72$

12. $4 \times \underline{4} = 16$

13. $3 \times \underline{5} = 15$

14. $3 \times \underline{6} = 18$

15. $7 \times \underline{8} = 56$

16. $\underline{6} \times 7 = 42$

17. $\underline{4} \times 9 = 36$

18. $\underline{3} \times 2 = 6$

19. $\underline{5} \times 2 = 10$

20. $\underline{5} \times 5 = 25$

21. $\underline{7} \times 1 = 7$

22. $\underline{7} \times 5 = 35$

23. $\underline{6} \times 9 = 54$

24. $\underline{9} \times 9 = 81$

25. $\underline{8} \times 2 = 16$

26. $\underline{8} \times 6 = 48$

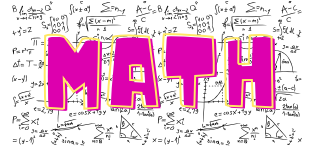
27. $\underline{7} \times 5 = 35$

28. $\underline{9} \times 3 = 27$

29. $\underline{9} \times 5 = 45$

30. $\underline{9} \times 2 = 18$

Multiplication



Mental multiplication: multiplication tables 1 to 20 practice
(missing multiplicand and multiplier)

1. $4 \times \underline{\hspace{2cm}} = 28$

16. $\underline{\hspace{2cm}} \times 13 = 195$

2. $7 \times \underline{\hspace{2cm}} = 91$

17. $\underline{\hspace{2cm}} \times 14 = 224$

3. $7 \times \underline{\hspace{2cm}} = 63$

18. $\underline{\hspace{2cm}} \times 15 = 240$

4. $8 \times \underline{\hspace{2cm}} = 32$

19. $\underline{\hspace{2cm}} \times 18 = 306$

5. $9 \times \underline{\hspace{2cm}} = 36$

20. $\underline{\hspace{2cm}} \times 11 = 198$

6. $9 \times \underline{\hspace{2cm}} = 72$

21. $\underline{\hspace{2cm}} \times 9 = 117$

7. $7 \times \underline{\hspace{2cm}} = 77$

22. $\underline{\hspace{2cm}} \times 18 = 216$

8. $9 \times \underline{\hspace{2cm}} = 99$

23. $\underline{\hspace{2cm}} \times 20 = 380$

9. $10 \times \underline{\hspace{2cm}} = 130$

24. $\underline{\hspace{2cm}} \times 20 = 280$

10. $13 \times \underline{\hspace{2cm}} = 104$

25. $\underline{\hspace{2cm}} \times 14 = 196$

11. $14 \times \underline{\hspace{2cm}} = 112$

26. $\underline{\hspace{2cm}} \times 14 = 210$

12. $14 \times \underline{\hspace{2cm}} = 154$

27. $\underline{\hspace{2cm}} \times 3 = 57$

13. $11 \times \underline{\hspace{2cm}} = 209$

28. $\underline{\hspace{2cm}} \times 19 = 342$

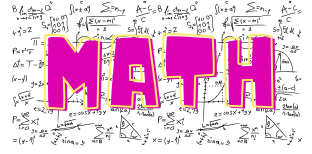
14. $19 \times \underline{\hspace{2cm}} = 228$

29. $\underline{\hspace{2cm}} \times 16 = 288$

15. $20 \times \underline{\hspace{2cm}} = 260$

30. $\underline{\hspace{2cm}} \times 16 = 272$

Multiplication



ANSWER KEY

1. $4 \times \underline{7} = 28$

2. $7 \times \underline{13} = 91$

3. $7 \times \underline{9} = 63$

4. $8 \times \underline{4} = 32$

5. $9 \times \underline{4} = 36$

6. $9 \times \underline{8} = 72$

7. $7 \times \underline{11} = 77$

8. $9 \times \underline{11} = 99$

9. $10 \times \underline{13} = 130$

10. $13 \times \underline{8} = 104$

11. $14 \times \underline{8} = 112$

12. $14 \times \underline{11} = 154$

13. $11 \times \underline{19} = 209$

14. $19 \times \underline{12} = 228$

15. $20 \times \underline{13} = 260$

16. $\underline{15} \times 13 = 195$

17. $\underline{16} \times 14 = 224$

18. $\underline{16} \times 15 = 240$

19. $\underline{17} \times 18 = 306$

20. $\underline{18} \times 11 = 198$

21. $\underline{13} \times 9 = 117$

22. $\underline{12} \times 18 = 216$

23. $\underline{19} \times 20 = 380$

24. $\underline{14} \times 20 = 280$

25. $\underline{14} \times 14 = 196$

26. $\underline{15} \times 14 = 210$

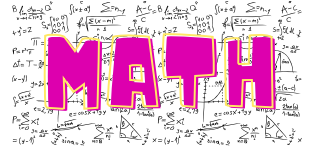
27. $\underline{19} \times 3 = 57$

28. $\underline{18} \times 19 = 342$

29. $\underline{18} \times 16 = 288$

30. $\underline{17} \times 16 = 272$

Multiplication



Commutative Property

1. $3 \times 8 \times 3 =$ _____

2. $7 \times 9 \times 2 =$ _____

3. $7 \times 9 \times 1 =$ _____

4. $8 \times 6 \times 1 =$ _____

5. $9 \times 5 \times 3 =$ _____

6. $9 \times 4 \times 2 =$ _____

7. $4 \times 7 \times 4 =$ _____

8. $3 \times 7 \times 4 =$ _____

9. $5 \times 8 \times 8 =$ _____

10. $7 \times 8 \times 5 =$ _____

11. $4 \times 7 \times 6 =$ _____

12. $7 \times 3 \times 3 =$ _____

13. $2 \times 9 \times 6 =$ _____

14. $8 \times 6 \times 5 =$ _____

15. $1 \times 4 \times 2 =$ _____

16. $5 \times 2 \times 4 =$ _____

17. $3 \times 2 \times 8 =$ _____

18. $1 \times 4 \times 4 =$ _____

19. $9 \times 7 \times 3 =$ _____

20. $5 \times 9 \times 2 =$ _____

21. $2 \times 12 \times 7 =$ _____

22. $3 \times 13 \times 9 =$ _____

23. $2 \times 10 \times 13 =$ _____

24. $6 \times 9 \times 15 =$ _____

25. $3 \times 5 \times 9 =$ _____

26. $1 \times 13 \times 4 =$ _____

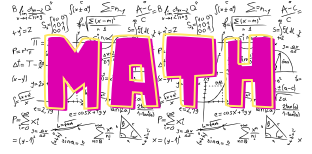
27. $7 \times 15 \times 3 =$ _____

28. $1 \times 7 \times 15 =$ _____

29. $6 \times 7 \times 9 =$ _____

30. $2 \times 13 \times 8 =$ _____

Multiplication



ANSWER KEY

1. $3 \times 8 \times 3 = \underline{72}$

2. $7 \times 9 \times 2 = \underline{126}$

3. $7 \times 9 \times 1 = \underline{63}$

4. $8 \times 6 \times 1 = \underline{48}$

5. $9 \times 5 \times 3 = \underline{135}$

6. $9 \times 4 \times 2 = \underline{72}$

7. $4 \times 7 \times 4 = \underline{112}$

8. $3 \times 7 \times 4 = \underline{84}$

9. $5 \times 8 \times 8 = \underline{320}$

10. $7 \times 8 \times 5 = \underline{280}$

11. $4 \times 7 \times 6 = \underline{168}$

12. $7 \times 3 \times 3 = \underline{63}$

13. $2 \times 9 \times 6 = \underline{108}$

14. $8 \times 6 \times 5 = \underline{240}$

15. $1 \times 4 \times 2 = \underline{8}$

16. $5 \times 2 \times 4 = \underline{40}$

17. $3 \times 2 \times 8 = \underline{48}$

18. $1 \times 4 \times 4 = \underline{16}$

19. $9 \times 7 \times 3 = \underline{189}$

20. $5 \times 9 \times 2 = \underline{90}$

21. $2 \times 12 \times 7 = \underline{168}$

22. $3 \times 13 \times 9 = \underline{351}$

23. $2 \times 10 \times 13 = \underline{260}$

24. $6 \times 9 \times 15 = \underline{810}$

25. $3 \times 5 \times 9 = \underline{135}$

26. $1 \times 13 \times 4 = \underline{52}$

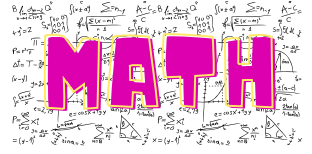
27. $7 \times 15 \times 3 = \underline{315}$

28. $1 \times 7 \times 15 = \underline{105}$

29. $6 \times 7 \times 9 = \underline{378}$

30. $2 \times 13 \times 8 = \underline{208}$

Multiplication



Commutative Property

1. $9 \times 11 \times 4 =$ _____

16. $15 \times 8 \times 2 =$ _____

2. $7 \times 9 \times 4 =$ _____

17. $16 \times 9 \times 9 =$ _____

3. $7 \times 13 \times 7 =$ _____

18. $16 \times 9 \times 8 =$ _____

4. $8 \times 14 \times 8 =$ _____

19. $15 \times 4 \times 3 =$ _____

5. $9 \times 14 \times 7 =$ _____

20. $17 \times 9 \times 3 =$ _____

6. $4 \times 17 \times 9 =$ _____

21. $19 \times 3 \times 4 =$ _____

7. $3 \times 19 \times 3 =$ _____

22. $13 \times 3 \times 2 =$ _____

8. $9 \times 19 \times 4 =$ _____

23. $13 \times 7 \times 7 =$ _____

9. $6 \times 15 \times 4 =$ _____

24. $18 \times 5 \times 5 =$ _____

10. $6 \times 13 \times 3 =$ _____

25. $11 \times 5 \times 6 =$ _____

11. $7 \times 18 \times 2 =$ _____

26. $12 \times 3 \times 5 =$ _____

12. $8 \times 11 \times 6 =$ _____

27. $12 \times 6 \times 2 =$ _____

13. $8 \times 12 \times 6 =$ _____

28. $13 \times 2 \times 5 =$ _____

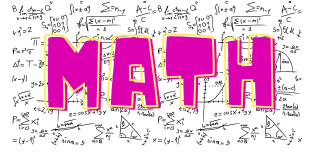
14. $6 \times 12 \times 7 =$ _____

29. $14 \times 2 \times 6 =$ _____

15. $5 \times 13 \times 8 =$ _____

30. $13 \times 6 \times 6 =$ _____

Multiplication



ANSWER KEY

1. $9 \times 11 \times 4 = \underline{396}$

2. $7 \times 9 \times 4 = \underline{252}$

3. $7 \times 13 \times 7 = \underline{637}$

4. $8 \times 14 \times 8 = \underline{896}$

5. $9 \times 14 \times 7 = \underline{882}$

6. $4 \times 17 \times 9 = \underline{612}$

7. $3 \times 19 \times 3 = \underline{171}$

8. $9 \times 19 \times 4 = \underline{684}$

9. $6 \times 15 \times 4 = \underline{360}$

10. $6 \times 13 \times 3 = \underline{234}$

11. $7 \times 18 \times 2 = \underline{252}$

12. $8 \times 11 \times 6 = \underline{528}$

13. $8 \times 12 \times 6 = \underline{576}$

14. $6 \times 12 \times 7 = \underline{504}$

15. $5 \times 13 \times 8 = \underline{520}$

16. $15 \times 8 \times 2 = \underline{240}$

17. $16 \times 9 \times 9 = \underline{1296}$

18. $16 \times 9 \times 8 = \underline{1152}$

19. $15 \times 4 \times 3 = \underline{180}$

20. $17 \times 9 \times 3 = \underline{459}$

21. $19 \times 3 \times 4 = \underline{228}$

22. $13 \times 3 \times 2 = \underline{78}$

23. $13 \times 7 \times 7 = \underline{637}$

24. $18 \times 5 \times 5 = \underline{450}$

25. $11 \times 5 \times 6 = \underline{330}$

26. $12 \times 3 \times 5 = \underline{180}$

27. $12 \times 6 \times 2 = \underline{144}$

28. $13 \times 2 \times 5 = \underline{130}$

29. $14 \times 2 \times 6 = \underline{168}$

30. $13 \times 6 \times 6 = \underline{468}$