



## Understanding Multiplying By 10s and 100s

Name: \_\_\_\_\_

Solve each problem.

- 1) If  $1 \times 8 = 8$ , then  $10 \times 8 =$  \_\_\_\_\_
- 2) If  $2 \times 6 = 12$ , then  $20 \times 6 =$  \_\_\_\_\_
- 3) If  $9 \times 3 = 27$ , then  $900 \times 3 =$  \_\_\_\_\_
- 4) If  $4 \times 7 = 28$ , then  $40 \times 7 =$  \_\_\_\_\_
- 5) If  $9 \times 2 = 18$ , then  $900 \times 2 =$  \_\_\_\_\_
- 6) If  $3 \times 3 = 9$ , then  $30 \times 3 =$  \_\_\_\_\_
- 7) If  $2 \times 5 = 10$ , then  $200 \times 5 =$  \_\_\_\_\_
- 8) If  $5 \times 7 = 35$ , then  $500 \times 7 =$  \_\_\_\_\_
- 9) If  $3 \times 1 = 3$ , then  $30 \times 1 =$  \_\_\_\_\_
- 10) If  $7 \times 4 = 28$ , then  $70 \times 4 =$  \_\_\_\_\_
- 11) If  $8 \times 8 = 64$ , then  $8 \times 800 =$  \_\_\_\_\_
- 12) If  $3 \times 2 = 6$ , then  $3 \times 20 =$  \_\_\_\_\_
- 13) If  $1 \times 3 = 3$ , then  $1 \times 300 =$  \_\_\_\_\_
- 14) If  $7 \times 1 = 7$ , then  $7 \times 10 =$  \_\_\_\_\_
- 15) If  $7 \times 2 = 14$ , then  $7 \times 200 =$  \_\_\_\_\_
- 16) If  $5 \times 2 = 10$ , then  $5 \times 200 =$  \_\_\_\_\_
- 17) If  $6 \times 9 = 54$ , then  $6 \times 900 =$  \_\_\_\_\_
- 18) If  $6 \times 7 = 42$ , then  $6 \times 700 =$  \_\_\_\_\_
- 19) If  $8 \times 5 = 40$ , then  $8 \times 50 =$  \_\_\_\_\_
- 20) If  $3 \times 6 = 18$ , then  $3 \times 600 =$  \_\_\_\_\_

**Answers**

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



## Understanding Multiplying By 10s and 100s

Name: **Answer Key**

Solve each problem.

- 1) If  $1 \times 8 = 8$ , then  $10 \times 8 = \underline{\hspace{2cm}80}$
- 2) If  $2 \times 6 = 12$ , then  $20 \times 6 = \underline{\hspace{2cm}120}$
- 3) If  $9 \times 3 = 27$ , then  $900 \times 3 = \underline{\hspace{2cm}2,700}$
- 4) If  $4 \times 7 = 28$ , then  $40 \times 7 = \underline{\hspace{2cm}280}$
- 5) If  $9 \times 2 = 18$ , then  $900 \times 2 = \underline{\hspace{2cm}1,800}$
- 6) If  $3 \times 3 = 9$ , then  $30 \times 3 = \underline{\hspace{2cm}90}$
- 7) If  $2 \times 5 = 10$ , then  $200 \times 5 = \underline{\hspace{2cm}1,000}$
- 8) If  $5 \times 7 = 35$ , then  $500 \times 7 = \underline{\hspace{2cm}3,500}$
- 9) If  $3 \times 1 = 3$ , then  $30 \times 1 = \underline{\hspace{2cm}30}$
- 10) If  $7 \times 4 = 28$ , then  $70 \times 4 = \underline{\hspace{2cm}280}$
- 11) If  $8 \times 8 = 64$ , then  $8 \times 800 = \underline{\hspace{2cm}6,400}$
- 12) If  $3 \times 2 = 6$ , then  $3 \times 20 = \underline{\hspace{2cm}60}$
- 13) If  $1 \times 3 = 3$ , then  $1 \times 300 = \underline{\hspace{2cm}300}$
- 14) If  $7 \times 1 = 7$ , then  $7 \times 10 = \underline{\hspace{2cm}70}$
- 15) If  $7 \times 2 = 14$ , then  $7 \times 200 = \underline{\hspace{2cm}1,400}$
- 16) If  $5 \times 2 = 10$ , then  $5 \times 200 = \underline{\hspace{2cm}1,000}$
- 17) If  $6 \times 9 = 54$ , then  $6 \times 900 = \underline{\hspace{2cm}5,400}$
- 18) If  $6 \times 7 = 42$ , then  $6 \times 700 = \underline{\hspace{2cm}4,200}$
- 19) If  $8 \times 5 = 40$ , then  $8 \times 50 = \underline{\hspace{2cm}400}$
- 20) If  $3 \times 6 = 18$ , then  $3 \times 600 = \underline{\hspace{2cm}1,800}$

**Answers**

1. 80
2. 120
3. 2,700
4. 280
5. 1,800
6. 90
7. 1,000
8. 3,500
9. 30
10. 280
11. 6,400
12. 60
13. 300
14. 70
15. 1,400
16. 1,000
17. 5,400
18. 4,200
19. 400
20. 1,800