



## Understanding Multiplying By 10s and 100s

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

Solve each problem.

- 1) If  $9 \times 5 = 45$ , then  $90 \times 5 =$  \_\_\_\_\_
- 2) If  $5 \times 8 = 40$ , then  $50 \times 8 =$  \_\_\_\_\_
- 3) If  $4 \times 3 = 12$ , then  $40 \times 3 =$  \_\_\_\_\_
- 4) If  $8 \times 8 = 64$ , then  $80 \times 8 =$  \_\_\_\_\_
- 5) If  $3 \times 6 = 18$ , then  $30 \times 6 =$  \_\_\_\_\_
- 6) If  $5 \times 1 = 5$ , then  $500 \times 1 =$  \_\_\_\_\_
- 7) If  $2 \times 8 = 16$ , then  $200 \times 8 =$  \_\_\_\_\_
- 8) If  $6 \times 8 = 48$ , then  $600 \times 8 =$  \_\_\_\_\_
- 9) If  $6 \times 7 = 42$ , then  $60 \times 7 =$  \_\_\_\_\_
- 10) If  $1 \times 4 = 4$ , then  $10 \times 4 =$  \_\_\_\_\_
- 11) If  $4 \times 5 = 20$ , then  $4 \times 500 =$  \_\_\_\_\_
- 12) If  $9 \times 7 = 63$ , then  $9 \times 700 =$  \_\_\_\_\_
- 13) If  $8 \times 6 = 48$ , then  $8 \times 60 =$  \_\_\_\_\_
- 14) If  $1 \times 6 = 6$ , then  $1 \times 600 =$  \_\_\_\_\_
- 15) If  $1 \times 5 = 5$ , then  $1 \times 50 =$  \_\_\_\_\_
- 16) If  $3 \times 2 = 6$ , then  $3 \times 20 =$  \_\_\_\_\_
- 17) If  $3 \times 7 = 21$ , then  $3 \times 700 =$  \_\_\_\_\_
- 18) If  $5 \times 3 = 15$ , then  $5 \times 300 =$  \_\_\_\_\_
- 19) If  $6 \times 1 = 6$ , then  $6 \times 100 =$  \_\_\_\_\_
- 20) If  $2 \times 3 = 6$ , then  $2 \times 300 =$  \_\_\_\_\_

**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  $9 \times 5 = 45$ , then  $90 \times 5 =$  450
- 2) If  $5 \times 8 = 40$ , then  $50 \times 8 =$  400
- 3) If  $4 \times 3 = 12$ , then  $40 \times 3 =$  120
- 4) If  $8 \times 8 = 64$ , then  $80 \times 8 =$  640
- 5) If  $3 \times 6 = 18$ , then  $30 \times 6 =$  180
- 6) If  $5 \times 1 = 5$ , then  $500 \times 1 =$  500
- 7) If  $2 \times 8 = 16$ , then  $200 \times 8 =$  1,600
- 8) If  $6 \times 8 = 48$ , then  $600 \times 8 =$  4,800
- 9) If  $6 \times 7 = 42$ , then  $60 \times 7 =$  420
- 10) If  $1 \times 4 = 4$ , then  $10 \times 4 =$  40
- 11) If  $4 \times 5 = 20$ , then  $4 \times 500 =$  2,000
- 12) If  $9 \times 7 = 63$ , then  $9 \times 700 =$  6,300
- 13) If  $8 \times 6 = 48$ , then  $8 \times 60 =$  480
- 14) If  $1 \times 6 = 6$ , then  $1 \times 600 =$  600
- 15) If  $1 \times 5 = 5$ , then  $1 \times 50 =$  50
- 16) If  $3 \times 2 = 6$ , then  $3 \times 20 =$  60
- 17) If  $3 \times 7 = 21$ , then  $3 \times 700 =$  2,100
- 18) If  $5 \times 3 = 15$ , then  $5 \times 300 =$  1,500
- 19) If  $6 \times 1 = 6$ , then  $6 \times 100 =$  600
- 20) If  $2 \times 3 = 6$ , then  $2 \times 300 =$  600

**Answers**

1. 450
2. 400
3. 120
4. 640
5. 180
6. 500
7. 1,600
8. 4,800
9. 420
10. 40
11. 2,000
12. 6,300
13. 480
14. 600
15. 50
16. 60
17. 2,100
18. 1,500
19. 600
20. 600