



## Understanding Multiplying By 10s

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

Solve each problem.

1) If  $3 \times 2 = 6$ , then  $30 \times 2 =$  \_\_\_\_\_

2) If  $9 \times 8 = 72$ , then  $90 \times 8 =$  \_\_\_\_\_

3) If  $4 \times 1 = 4$ , then  $400 \times 1 =$  \_\_\_\_\_

4) If  $4 \times 3 = 12$ , then  $40 \times 3 =$  \_\_\_\_\_

5) If  $3 \times 8 = 24$ , then  $3,000 \times 8 =$  \_\_\_\_\_

6) If  $7 \times 2 = 14$ , then  $70 \times 2 =$  \_\_\_\_\_

7) If  $6 \times 8 = 48$ , then  $600 \times 8 =$  \_\_\_\_\_

8) If  $2 \times 3 = 6$ , then  $20 \times 3 =$  \_\_\_\_\_

9) If  $5 \times 8 = 40$ , then  $500 \times 8 =$  \_\_\_\_\_

10) If  $6 \times 6 = 36$ , then  $60 \times 6 =$  \_\_\_\_\_

11) If  $5 \times 3 = 15$ , then  $5 \times 3,000 =$  \_\_\_\_\_

12) If  $9 \times 9 = 81$ , then  $9 \times 9,000 =$  \_\_\_\_\_

13) If  $5 \times 9 = 45$ , then  $5 \times 90 =$  \_\_\_\_\_

14) If  $6 \times 7 = 42$ , then  $6 \times 700 =$  \_\_\_\_\_

15) If  $10 \times 9 = 90$ , then  $10 \times 900 =$  \_\_\_\_\_

16) If  $5 \times 1 = 5$ , then  $5 \times 1,000 =$  \_\_\_\_\_

17) If  $8 \times 7 = 56$ , then  $8 \times 7,000 =$  \_\_\_\_\_

18) If  $4 \times 2 = 8$ , then  $4 \times 2,000 =$  \_\_\_\_\_

19) If  $9 \times 2 = 18$ , then  $9 \times 2,000 =$  \_\_\_\_\_

20) If  $8 \times 8 = 64$ , then  $8 \times 800 =$  \_\_\_\_\_

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

Name: **Answer Key**

Solve each problem.

1) If  $3 \times 2 = 6$ , then  $30 \times 2 = \underline{60}$

**Answers**

1. 60

2) If  $9 \times 8 = 72$ , then  $90 \times 8 = \underline{720}$

2. 720

3) If  $4 \times 1 = 4$ , then  $400 \times 1 = \underline{400}$

3. 400

4) If  $4 \times 3 = 12$ , then  $40 \times 3 = \underline{120}$

4. 120

5) If  $3 \times 8 = 24$ , then  $3,000 \times 8 = \underline{24,000}$

5. 24,000

6) If  $7 \times 2 = 14$ , then  $70 \times 2 = \underline{140}$

6. 140

7) If  $6 \times 8 = 48$ , then  $600 \times 8 = \underline{4,800}$

7. 4,800

8) If  $2 \times 3 = 6$ , then  $20 \times 3 = \underline{60}$

8. 60

9) If  $5 \times 8 = 40$ , then  $500 \times 8 = \underline{4,000}$

9. 4,000

10) If  $6 \times 6 = 36$ , then  $60 \times 6 = \underline{360}$

10. 360

11) If  $5 \times 3 = 15$ , then  $5 \times 3,000 = \underline{15,000}$

11. 15,000

12) If  $9 \times 9 = 81$ , then  $9 \times 9,000 = \underline{81,000}$

12. 81,000

13) If  $5 \times 9 = 45$ , then  $5 \times 90 = \underline{450}$

13. 450

14) If  $6 \times 7 = 42$ , then  $6 \times 700 = \underline{4,200}$

14. 4,200

15) If  $10 \times 9 = 90$ , then  $10 \times 900 = \underline{9,000}$

15. 9,000

16) If  $5 \times 1 = 5$ , then  $5 \times 1,000 = \underline{5,000}$

16. 5,000

17) If  $8 \times 7 = 56$ , then  $8 \times 7,000 = \underline{56,000}$

17. 56,000

18) If  $4 \times 2 = 8$ , then  $4 \times 2,000 = \underline{8,000}$

18. 8,000

19) If  $9 \times 2 = 18$ , then  $9 \times 2,000 = \underline{18,000}$

19. 18,000

20) If  $8 \times 8 = 64$ , then  $8 \times 800 = \underline{6,400}$

20. 6,400