



## Understanding Multiplying By 10s and 100s

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

Solve each problem.

- 1) If  $3 \times 7 = 21$ , then  $30 \times 7 =$  \_\_\_\_\_
- 2) If  $5 \times 4 = 20$ , then  $500 \times 4 =$  \_\_\_\_\_
- 3) If  $6 \times 9 = 54$ , then  $600 \times 9 =$  \_\_\_\_\_
- 4) If  $1 \times 2 = 2$ , then  $10 \times 2 =$  \_\_\_\_\_
- 5) If  $4 \times 4 = 16$ , then  $40 \times 4 =$  \_\_\_\_\_
- 6) If  $2 \times 7 = 14$ , then  $200 \times 7 =$  \_\_\_\_\_
- 7) If  $5 \times 6 = 30$ , then  $50 \times 6 =$  \_\_\_\_\_
- 8) If  $7 \times 3 = 21$ , then  $70 \times 3 =$  \_\_\_\_\_
- 9) If  $5 \times 1 = 5$ , then  $500 \times 1 =$  \_\_\_\_\_
- 10) If  $6 \times 2 = 12$ , then  $600 \times 2 =$  \_\_\_\_\_
- 11) If  $1 \times 5 = 5$ , then  $1 \times 500 =$  \_\_\_\_\_
- 12) If  $9 \times 3 = 27$ , then  $9 \times 300 =$  \_\_\_\_\_
- 13) If  $2 \times 1 = 2$ , then  $2 \times 10 =$  \_\_\_\_\_
- 14) If  $9 \times 5 = 45$ , then  $9 \times 50 =$  \_\_\_\_\_
- 15) If  $6 \times 5 = 30$ , then  $6 \times 500 =$  \_\_\_\_\_
- 16) If  $9 \times 7 = 63$ , then  $9 \times 70 =$  \_\_\_\_\_
- 17) If  $3 \times 4 = 12$ , then  $3 \times 40 =$  \_\_\_\_\_
- 18) If  $5 \times 7 = 35$ , then  $5 \times 70 =$  \_\_\_\_\_
- 19) If  $7 \times 6 = 42$ , then  $7 \times 600 =$  \_\_\_\_\_
- 20) If  $3 \times 1 = 3$ , then  $3 \times 100 =$  \_\_\_\_\_

**Answers**

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



Solve each problem.

- 1) If  $3 \times 7 = 21$ , then  $30 \times 7 = \underline{\hspace{2cm}210}$
- 2) If  $5 \times 4 = 20$ , then  $500 \times 4 = \underline{\hspace{2cm}2,000}$
- 3) If  $6 \times 9 = 54$ , then  $600 \times 9 = \underline{\hspace{2cm}5,400}$
- 4) If  $1 \times 2 = 2$ , then  $10 \times 2 = \underline{\hspace{2cm}20}$
- 5) If  $4 \times 4 = 16$ , then  $40 \times 4 = \underline{\hspace{2cm}160}$
- 6) If  $2 \times 7 = 14$ , then  $200 \times 7 = \underline{\hspace{2cm}1,400}$
- 7) If  $5 \times 6 = 30$ , then  $50 \times 6 = \underline{\hspace{2cm}300}$
- 8) If  $7 \times 3 = 21$ , then  $70 \times 3 = \underline{\hspace{2cm}210}$
- 9) If  $5 \times 1 = 5$ , then  $500 \times 1 = \underline{\hspace{2cm}500}$
- 10) If  $6 \times 2 = 12$ , then  $600 \times 2 = \underline{\hspace{2cm}1,200}$
- 11) If  $1 \times 5 = 5$ , then  $1 \times 500 = \underline{\hspace{2cm}500}$
- 12) If  $9 \times 3 = 27$ , then  $9 \times 300 = \underline{\hspace{2cm}2,700}$
- 13) If  $2 \times 1 = 2$ , then  $2 \times 10 = \underline{\hspace{2cm}20}$
- 14) If  $9 \times 5 = 45$ , then  $9 \times 50 = \underline{\hspace{2cm}450}$
- 15) If  $6 \times 5 = 30$ , then  $6 \times 500 = \underline{\hspace{2cm}3,000}$
- 16) If  $9 \times 7 = 63$ , then  $9 \times 70 = \underline{\hspace{2cm}630}$
- 17) If  $3 \times 4 = 12$ , then  $3 \times 40 = \underline{\hspace{2cm}120}$
- 18) If  $5 \times 7 = 35$ , then  $5 \times 70 = \underline{\hspace{2cm}350}$
- 19) If  $7 \times 6 = 42$ , then  $7 \times 600 = \underline{\hspace{2cm}4,200}$
- 20) If  $3 \times 1 = 3$ , then  $3 \times 100 = \underline{\hspace{2cm}300}$

**Answers**

1. **210**
2. **2,000**
3. **5,400**
4. **20**
5. **160**
6. **1,400**
7. **300**
8. **210**
9. **500**
10. **1,200**
11. **500**
12. **2,700**
13. **20**
14. **450**
15. **3,000**
16. **630**
17. **120**
18. **350**
19. **4,200**
20. **300**