



## Understanding Multiplying By 10s and 100s

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

Solve each problem.

- 1) If  $2 \times 3 = 6$ , then  $20 \times 3 =$  \_\_\_\_\_
- 2) If  $9 \times 5 = 45$ , then  $900 \times 5 =$  \_\_\_\_\_
- 3) If  $2 \times 4 = 8$ , then  $200 \times 4 =$  \_\_\_\_\_
- 4) If  $7 \times 6 = 42$ , then  $70 \times 6 =$  \_\_\_\_\_
- 5) If  $1 \times 8 = 8$ , then  $100 \times 8 =$  \_\_\_\_\_
- 6) If  $8 \times 1 = 8$ , then  $800 \times 1 =$  \_\_\_\_\_
- 7) If  $6 \times 9 = 54$ , then  $600 \times 9 =$  \_\_\_\_\_
- 8) If  $3 \times 4 = 12$ , then  $30 \times 4 =$  \_\_\_\_\_
- 9) If  $5 \times 3 = 15$ , then  $50 \times 3 =$  \_\_\_\_\_
- 10) If  $8 \times 8 = 64$ , then  $800 \times 8 =$  \_\_\_\_\_
- 11) If  $4 \times 8 = 32$ , then  $4 \times 80 =$  \_\_\_\_\_
- 12) If  $7 \times 2 = 14$ , then  $7 \times 20 =$  \_\_\_\_\_
- 13) If  $9 \times 2 = 18$ , then  $9 \times 200 =$  \_\_\_\_\_
- 14) If  $5 \times 1 = 5$ , then  $5 \times 100 =$  \_\_\_\_\_
- 15) If  $8 \times 2 = 16$ , then  $8 \times 200 =$  \_\_\_\_\_
- 16) If  $8 \times 9 = 72$ , then  $8 \times 90 =$  \_\_\_\_\_
- 17) If  $9 \times 7 = 63$ , then  $9 \times 70 =$  \_\_\_\_\_
- 18) If  $1 \times 6 = 6$ , then  $1 \times 600 =$  \_\_\_\_\_
- 19) If  $5 \times 4 = 20$ , then  $5 \times 40 =$  \_\_\_\_\_
- 20) If  $2 \times 6 = 12$ , then  $2 \times 60 =$  \_\_\_\_\_

**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  $2 \times 3 = 6$ , then  $20 \times 3 = \underline{\hspace{2cm}} \textcolor{red}{60}$
- 2) If  $9 \times 5 = 45$ , then  $900 \times 5 = \underline{\hspace{2cm}} \textcolor{red}{4,500}$
- 3) If  $2 \times 4 = 8$ , then  $200 \times 4 = \underline{\hspace{2cm}} \textcolor{red}{800}$
- 4) If  $7 \times 6 = 42$ , then  $70 \times 6 = \underline{\hspace{2cm}} \textcolor{red}{420}$
- 5) If  $1 \times 8 = 8$ , then  $100 \times 8 = \underline{\hspace{2cm}} \textcolor{red}{800}$
- 6) If  $8 \times 1 = 8$ , then  $800 \times 1 = \underline{\hspace{2cm}} \textcolor{red}{800}$
- 7) If  $6 \times 9 = 54$ , then  $600 \times 9 = \underline{\hspace{2cm}} \textcolor{red}{5,400}$
- 8) If  $3 \times 4 = 12$ , then  $30 \times 4 = \underline{\hspace{2cm}} \textcolor{red}{120}$
- 9) If  $5 \times 3 = 15$ , then  $50 \times 3 = \underline{\hspace{2cm}} \textcolor{red}{150}$
- 10) If  $8 \times 8 = 64$ , then  $800 \times 8 = \underline{\hspace{2cm}} \textcolor{red}{6,400}$
- 11) If  $4 \times 8 = 32$ , then  $4 \times 80 = \underline{\hspace{2cm}} \textcolor{red}{320}$
- 12) If  $7 \times 2 = 14$ , then  $7 \times 20 = \underline{\hspace{2cm}} \textcolor{red}{140}$
- 13) If  $9 \times 2 = 18$ , then  $9 \times 200 = \underline{\hspace{2cm}} \textcolor{red}{1,800}$
- 14) If  $5 \times 1 = 5$ , then  $5 \times 100 = \underline{\hspace{2cm}} \textcolor{red}{500}$
- 15) If  $8 \times 2 = 16$ , then  $8 \times 200 = \underline{\hspace{2cm}} \textcolor{red}{1,600}$
- 16) If  $8 \times 9 = 72$ , then  $8 \times 90 = \underline{\hspace{2cm}} \textcolor{red}{720}$
- 17) If  $9 \times 7 = 63$ , then  $9 \times 70 = \underline{\hspace{2cm}} \textcolor{red}{630}$
- 18) If  $1 \times 6 = 6$ , then  $1 \times 600 = \underline{\hspace{2cm}} \textcolor{red}{600}$
- 19) If  $5 \times 4 = 20$ , then  $5 \times 40 = \underline{\hspace{2cm}} \textcolor{red}{200}$
- 20) If  $2 \times 6 = 12$ , then  $2 \times 60 = \underline{\hspace{2cm}} \textcolor{red}{120}$

**Answers**

1.  $\underline{\hspace{2cm}} \textcolor{red}{60}$
2.  $\underline{\hspace{2cm}} \textcolor{red}{4,500}$
3.  $\underline{\hspace{2cm}} \textcolor{red}{800}$
4.  $\underline{\hspace{2cm}} \textcolor{red}{420}$
5.  $\underline{\hspace{2cm}} \textcolor{red}{800}$
6.  $\underline{\hspace{2cm}} \textcolor{red}{800}$
7.  $\underline{\hspace{2cm}} \textcolor{red}{5,400}$
8.  $\underline{\hspace{2cm}} \textcolor{red}{120}$
9.  $\underline{\hspace{2cm}} \textcolor{red}{150}$
10.  $\underline{\hspace{2cm}} \textcolor{red}{6,400}$
11.  $\underline{\hspace{2cm}} \textcolor{red}{320}$
12.  $\underline{\hspace{2cm}} \textcolor{red}{140}$
13.  $\underline{\hspace{2cm}} \textcolor{red}{1,800}$
14.  $\underline{\hspace{2cm}} \textcolor{red}{500}$
15.  $\underline{\hspace{2cm}} \textcolor{red}{1,600}$
16.  $\underline{\hspace{2cm}} \textcolor{red}{720}$
17.  $\underline{\hspace{2cm}} \textcolor{red}{630}$
18.  $\underline{\hspace{2cm}} \textcolor{red}{600}$
19.  $\underline{\hspace{2cm}} \textcolor{red}{200}$
20.  $\underline{\hspace{2cm}} \textcolor{red}{120}$