



Understanding Multiplying By 10s and 100s

Name: _____

Solve each problem.

1) If $4 \times 6 = 24$, then $400 \times 6 =$ _____

Answers

1. _____

2) If $8 \times 3 = 24$, then $80 \times 3 =$ _____

2. _____

3) If $6 \times 6 = 36$, then $600 \times 6 =$ _____

3. _____

4) If $9 \times 9 = 81$, then $90 \times 9 =$ _____

4. _____

5) If $6 \times 8 = 48$, then $60 \times 8 =$ _____

5. _____

6) If $3 \times 3 = 9$, then $300 \times 3 =$ _____

6. _____

7) If $4 \times 8 = 32$, then $40 \times 8 =$ _____

7. _____

8) If $1 \times 4 = 4$, then $10 \times 4 =$ _____

8. _____

9) If $7 \times 5 = 35$, then $700 \times 5 =$ _____

9. _____

10) If $5 \times 2 = 10$, then $500 \times 2 =$ _____

10. _____

11) If $1 \times 5 = 5$, then $1 \times 50 =$ _____

11. _____

12) If $5 \times 3 = 15$, then $5 \times 300 =$ _____

12. _____

13) If $8 \times 4 = 32$, then $8 \times 400 =$ _____

13. _____

14) If $4 \times 2 = 8$, then $4 \times 200 =$ _____

14. _____

15) If $9 \times 5 = 45$, then $9 \times 50 =$ _____

15. _____

16) If $4 \times 5 = 20$, then $4 \times 50 =$ _____

16. _____

17) If $2 \times 9 = 18$, then $2 \times 90 =$ _____

17. _____

18) If $2 \times 7 = 14$, then $2 \times 700 =$ _____

18. _____

19) If $5 \times 8 = 40$, then $5 \times 800 =$ _____

19. _____

20) If $9 \times 8 = 72$, then $9 \times 800 =$ _____

20. _____



Understanding Multiplying By 10s and 100s

Name: **Answer Key**

Solve each problem.

- 1) If $4 \times 6 = 24$, then $400 \times 6 = \underline{2,400}$
- 2) If $8 \times 3 = 24$, then $80 \times 3 = \underline{240}$
- 3) If $6 \times 6 = 36$, then $600 \times 6 = \underline{3,600}$
- 4) If $9 \times 9 = 81$, then $90 \times 9 = \underline{810}$
- 5) If $6 \times 8 = 48$, then $60 \times 8 = \underline{480}$
- 6) If $3 \times 3 = 9$, then $300 \times 3 = \underline{900}$
- 7) If $4 \times 8 = 32$, then $40 \times 8 = \underline{320}$
- 8) If $1 \times 4 = 4$, then $10 \times 4 = \underline{40}$
- 9) If $7 \times 5 = 35$, then $700 \times 5 = \underline{3,500}$
- 10) If $5 \times 2 = 10$, then $500 \times 2 = \underline{1,000}$
- 11) If $1 \times 5 = 5$, then $1 \times 50 = \underline{50}$
- 12) If $5 \times 3 = 15$, then $5 \times 300 = \underline{1,500}$
- 13) If $8 \times 4 = 32$, then $8 \times 400 = \underline{3,200}$
- 14) If $4 \times 2 = 8$, then $4 \times 200 = \underline{800}$
- 15) If $9 \times 5 = 45$, then $9 \times 50 = \underline{450}$
- 16) If $4 \times 5 = 20$, then $4 \times 50 = \underline{200}$
- 17) If $2 \times 9 = 18$, then $2 \times 90 = \underline{180}$
- 18) If $2 \times 7 = 14$, then $2 \times 700 = \underline{1,400}$
- 19) If $5 \times 8 = 40$, then $5 \times 800 = \underline{4,000}$
- 20) If $9 \times 8 = 72$, then $9 \times 800 = \underline{7,200}$

Answers

1. **2,400**
2. **240**
3. **3,600**
4. **810**
5. **480**
6. **900**
7. **320**
8. **40**
9. **3,500**
10. **1,000**
11. **50**
12. **1,500**
13. **3,200**
14. **800**
15. **450**
16. **200**
17. **180**
18. **1,400**
19. **4,000**
20. **7,200**