



Understanding Multiplying By 10s and 100s

Name: _____

Solve each problem.

- 1) If $4 \times 9 = 36$, then $400 \times 9 =$ _____
- 2) If $3 \times 5 = 15$, then $300 \times 5 =$ _____
- 3) If $9 \times 5 = 45$, then $90 \times 5 =$ _____
- 4) If $2 \times 6 = 12$, then $200 \times 6 =$ _____
- 5) If $2 \times 9 = 18$, then $20 \times 9 =$ _____
- 6) If $3 \times 6 = 18$, then $300 \times 6 =$ _____
- 7) If $3 \times 3 = 9$, then $30 \times 3 =$ _____
- 8) If $7 \times 1 = 7$, then $70 \times 1 =$ _____
- 9) If $5 \times 5 = 25$, then $50 \times 5 =$ _____
- 10) If $2 \times 7 = 14$, then $200 \times 7 =$ _____
- 11) If $3 \times 9 = 27$, then $3 \times 900 =$ _____
- 12) If $5 \times 8 = 40$, then $5 \times 800 =$ _____
- 13) If $4 \times 5 = 20$, then $4 \times 50 =$ _____
- 14) If $7 \times 9 = 63$, then $7 \times 900 =$ _____
- 15) If $7 \times 7 = 49$, then $7 \times 70 =$ _____
- 16) If $9 \times 4 = 36$, then $9 \times 40 =$ _____
- 17) If $9 \times 9 = 81$, then $9 \times 90 =$ _____
- 18) If $4 \times 3 = 12$, then $4 \times 300 =$ _____
- 19) If $8 \times 4 = 32$, then $8 \times 400 =$ _____
- 20) If $6 \times 1 = 6$, then $6 \times 10 =$ _____

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 $4 \times 9 = 36$, then $400 \times 9 = \underline{3,600}$
- 2) If $3 \times 5 = 15$, then $300 \times 5 = \underline{1,500}$
- 3) If $9 \times 5 = 45$, then $90 \times 5 = \underline{450}$
- 4) If $2 \times 6 = 12$, then $200 \times 6 = \underline{1,200}$
- 5) If $2 \times 9 = 18$, then $20 \times 9 = \underline{180}$
- 6) If $3 \times 6 = 18$, then $300 \times 6 = \underline{1,800}$
- 7) If $3 \times 3 = 9$, then $30 \times 3 = \underline{90}$
- 8) If $7 \times 1 = 7$, then $70 \times 1 = \underline{70}$
- 9) If $5 \times 5 = 25$, then $50 \times 5 = \underline{250}$
- 10) If $2 \times 7 = 14$, then $200 \times 7 = \underline{1,400}$
- 11) If $3 \times 9 = 27$, then $3 \times 900 = \underline{2,700}$
- 12) If $5 \times 8 = 40$, then $5 \times 800 = \underline{4,000}$
- 13) If $4 \times 5 = 20$, then $4 \times 50 = \underline{200}$
- 14) If $7 \times 9 = 63$, then $7 \times 900 = \underline{6,300}$
- 15) If $7 \times 7 = 49$, then $7 \times 70 = \underline{490}$
- 16) If $9 \times 4 = 36$, then $9 \times 40 = \underline{360}$
- 17) If $9 \times 9 = 81$, then $9 \times 90 = \underline{810}$
- 18) If $4 \times 3 = 12$, then $4 \times 300 = \underline{1,200}$
- 19) If $8 \times 4 = 32$, then $8 \times 400 = \underline{3,200}$
- 20) If $6 \times 1 = 6$, then $6 \times 10 = \underline{60}$

Answers

1. **3,600**
2. **1,500**
3. **450**
4. **1,200**
5. **180**
6. **1,800**
7. **90**
8. **70**
9. **250**
10. **1,400**
11. **2,700**
12. **4,000**
13. **200**
14. **6,300**
15. **490**
16. **360**
17. **810**
18. **1,200**
19. **3,200**
20. **60**