



Understanding Multiplying By 10s and 100s

Name: _____

Solve each problem.

- 1) If $1 \times 9 = 9$, then $10 \times 9 =$ _____
- 2) If $8 \times 5 = 40$, then $800 \times 5 =$ _____
- 3) If $5 \times 4 = 20$, then $500 \times 4 =$ _____
- 4) If $9 \times 9 = 81$, then $900 \times 9 =$ _____
- 5) If $4 \times 8 = 32$, then $40 \times 8 =$ _____
- 6) If $7 \times 9 = 63$, then $700 \times 9 =$ _____
- 7) If $7 \times 2 = 14$, then $70 \times 2 =$ _____
- 8) If $5 \times 3 = 15$, then $50 \times 3 =$ _____
- 9) If $6 \times 5 = 30$, then $60 \times 5 =$ _____
- 10) If $6 \times 6 = 36$, then $60 \times 6 =$ _____
- 11) If $7 \times 6 = 42$, then $7 \times 600 =$ _____
- 12) If $9 \times 8 = 72$, then $9 \times 800 =$ _____
- 13) If $2 \times 8 = 16$, then $2 \times 800 =$ _____
- 14) If $3 \times 4 = 12$, then $3 \times 40 =$ _____
- 15) If $7 \times 5 = 35$, then $7 \times 50 =$ _____
- 16) If $1 \times 3 = 3$, then $1 \times 30 =$ _____
- 17) If $1 \times 8 = 8$, then $1 \times 800 =$ _____
- 18) If $1 \times 4 = 4$, then $1 \times 400 =$ _____
- 19) If $7 \times 4 = 28$, then $7 \times 400 =$ _____
- 20) If $4 \times 1 = 4$, then $4 \times 10 =$ _____

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 $1 \times 9 = 9$, then $10 \times 9 = \underline{\hspace{2cm}90}$
- 2) If $8 \times 5 = 40$, then $800 \times 5 = \underline{\hspace{2cm}4,000}$
- 3) If $5 \times 4 = 20$, then $500 \times 4 = \underline{\hspace{2cm}2,000}$
- 4) If $9 \times 9 = 81$, then $900 \times 9 = \underline{\hspace{2cm}8,100}$
- 5) If $4 \times 8 = 32$, then $40 \times 8 = \underline{\hspace{2cm}320}$
- 6) If $7 \times 9 = 63$, then $700 \times 9 = \underline{\hspace{2cm}6,300}$
- 7) If $7 \times 2 = 14$, then $70 \times 2 = \underline{\hspace{2cm}140}$
- 8) If $5 \times 3 = 15$, then $50 \times 3 = \underline{\hspace{2cm}150}$
- 9) If $6 \times 5 = 30$, then $60 \times 5 = \underline{\hspace{2cm}300}$
- 10) If $6 \times 6 = 36$, then $60 \times 6 = \underline{\hspace{2cm}360}$
- 11) If $7 \times 6 = 42$, then $7 \times 600 = \underline{\hspace{2cm}4,200}$
- 12) If $9 \times 8 = 72$, then $9 \times 800 = \underline{\hspace{2cm}7,200}$
- 13) If $2 \times 8 = 16$, then $2 \times 800 = \underline{\hspace{2cm}1,600}$
- 14) If $3 \times 4 = 12$, then $3 \times 40 = \underline{\hspace{2cm}120}$
- 15) If $7 \times 5 = 35$, then $7 \times 50 = \underline{\hspace{2cm}350}$
- 16) If $1 \times 3 = 3$, then $1 \times 30 = \underline{\hspace{2cm}30}$
- 17) If $1 \times 8 = 8$, then $1 \times 800 = \underline{\hspace{2cm}800}$
- 18) If $1 \times 4 = 4$, then $1 \times 400 = \underline{\hspace{2cm}400}$
- 19) If $7 \times 4 = 28$, then $7 \times 400 = \underline{\hspace{2cm}2,800}$
- 20) If $4 \times 1 = 4$, then $4 \times 10 = \underline{\hspace{2cm}40}$

Answers

1. 90
2. 4,000
3. 2,000
4. 8,100
5. 320
6. 6,300
7. 140
8. 150
9. 300
10. 360
11. 4,200
12. 7,200
13. 1,600
14. 120
15. 350
16. 30
17. 800
18. 400
19. 2,800
20. 40