

Gamma Competency Exam

To receive the full benefit of this test, watch the student to ensure he has mastered single and multiple digit multiplication.

If he demonstrates proficiency, he is ready to proceed to Delta.

If he struggles with multiplication, he should begin working in Gamma.

1) $4 \times 7 = \underline{\hspace{2cm}}$ 2) $5 \times 5 = \underline{\hspace{2cm}}$ 3) $0 \times 1 = \underline{\hspace{2cm}}$ 4) $8 \times 9 = \underline{\hspace{2cm}}$

5) $(3)(3) = \underline{\hspace{2cm}}$ 6) $(6)(6) = \underline{\hspace{2cm}}$ 7) $8 \cdot 5 = \underline{\hspace{2cm}}$ 8) $6 \cdot 4 = \underline{\hspace{2cm}}$

9) $(8)(2) = \underline{\hspace{2cm}}$ 10) $(4)(9) = \underline{\hspace{2cm}}$ 11) $7 \cdot 7 = \underline{\hspace{2cm}}$ 12) $4 \cdot 5 = \underline{\hspace{2cm}}$

13)
$$\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$$

14)
$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

15)
$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

16)
$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

17)
$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

18)
$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

19)
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

20)
$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

21)
$$\begin{array}{r} 85 \\ \times 26 \\ \hline \end{array}$$

22)
$$\begin{array}{r} 421 \\ \times 73 \\ \hline \end{array}$$

23)
$$\begin{array}{r} 7,546 \\ \times 8 \\ \hline \end{array}$$

24)
$$\begin{array}{r} 509 \\ \times 636 \\ \hline \end{array}$$

25)
$$\begin{array}{r} 3,482 \\ \times 59 \\ \hline \end{array}$$

26)
$$\begin{array}{r} 6,187 \\ \times 467 \\ \hline \end{array}$$

Write $<$, $>$ or $=$ in the oval.

27) 6×2 ○ 3×4

28) 8×8 ○ 5×12

29) 7×6 ○ 9×5

- 30) Mrs. Miller made 3 sandwiches for each of her 4 children. How many sandwiches did Mrs. Miller make in all?
- 31) Caitlyn did 2 chores a day for 4 days. Later she did 5 chores a day for 3 days. How many chores did she do in all?
- 32) A carton of eggs holds 12 eggs. How many eggs are there in 4 cartons?
- 33) Chuck drove 213 miles a week on his way to and from work. Round this distance to the nearest hundred, and estimate the total distance that he drove in 4 weeks.
- 34) Terri's garden measures 24 yards by 36 yards. What is the area of her garden?
- 35) Kent delivered 137 newspapers every day for 31 days. How many newspapers did Kent deliver altogether?

Solutions

- 1) 28
- 2) 25
- 3) 0
- 4) 72
- 5) 9
- 6) 36
- 7) 40
- 8) 24
- 9) 16
- 10) 36
- 11) 49
- 12) 20
- 13) 6
- 14) 42
- 15) 18
- 16) 20
- 17) 27
- 18) 32
- 19) 12
- 20) 56
- 21) 2,210
- 22) 30,733
- 23) 60,368
- 24) 323,724
- 25) 205,438
- 26) 2,889,329
- 27) $12 = 12$
- 28) $64 > 60$
- 29) $42 < 45$
- 30) 12
- 31) 23
- 32) 48
- 33) $200 \times 4 = 800$ mi.
- 34) 864 sq. yds.
- 35) 4,247