



I Quarter Math Exam

Grade

Student's Name: _____

Date: _____

Total 30% 2 points each

Use mental math to complete the pattern.

1. $8 \times 3 = 24$

$$\begin{aligned}(8 \times 3) \times 10^1 &= \underline{240} \\ (8 \times 3) \times 10^2 &= \underline{2,400} \\ (8 \times 3) \times 10^3 &= \underline{24,000}\end{aligned}$$

2. $5 \times 6 =$ _____

$$(5 \times 6) \times 10^1 =$$

$$(5 \times 6) \times 10^2 =$$

$$(5 \times 6) \times 10^3 =$$

3. $3 \times$ _____ $= 27$

$$(3 \times 9) \times 10^1 =$$

$$(3 \times 9) \times 10^2 =$$

$$(3 \times 9) \times 10^3 =$$

4. _____ $\times 4 = 28$

$$(7 \times 4) \times \text{_____} = 280$$

$$(7 \times 4) \times \text{_____} = 2,800$$

$$(7 \times 4) \times \text{_____} = 28,000$$

5. $6 \times 8 =$ _____

$$(6 \times 8) \times 10^2 =$$

$$(6 \times 8) \times 10^3 =$$

$$(6 \times 8) \times 10^4 =$$

6. _____ $\times 4 = 16$

$$(4 \times 4) \times 10^2 =$$

$$(4 \times 4) \times 10^3 =$$

$$(4 \times 4) \times 10^4 =$$

Find The Pruduct

11. 6×0.92

12. 9×1.04

13. 7×2.18

14. 3×19.54

Estimate. Then find the product.

1. Estimate: 4,000

$$\begin{array}{r} 82 \\ \times 49 \\ \hline 738 \\ + 3280 \\ \hline 4,018 \end{array}$$

2. Estimate: _____

$$\begin{array}{r} 92 \\ \times 68 \\ \hline \end{array}$$

3. Estimate: _____

$$\begin{array}{r} 396 \\ \times 37 \\ \hline \end{array}$$

4. 23×67

5. 86×33

6. 78×71

7. 309×29

8. 612×87

9. 476×72