I Quarter Math Exam

Grade

Student´s Name: _____

Date: _____

Total 30% 2 points each

Use mental math to complete the pattern.

1. $8 \times 3 = 24$

$(8 \times 3) \times 10^1 =$ 240

$(8 \times 3) \times 10^2 =$ 2,400

$(8 \times 3) \times 10^3 =$ 24,000

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. _____ $\times 4 = 28$

$(7 \times 4) \times$ _____ $= 280$

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

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

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