

# Week 9 Mid Module 2 Test

Name \_\_\_\_\_ Score \_\_\_/20\_\_

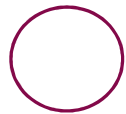
1. Fill in the Chart (1 point each – 6 total):

Words	Expression	The Value of the Expression: (Answer)
a. Divide the difference between 1,200 and 800 by 5.		
b. 10 times the sum of 14 and 6		
c.	$10 \times (325 + 75)$	

# Comparing expressions

2. Compare the two expressions using  $<$ ,  $>$ , or  $=$ . Make sure you show your work. (2 points each)

a.  $100 \times 9$



$20 \times (5 \times 9)$

Solve problems

\_\_\_\_\_

\_\_\_\_\_

b.  $46 \times 12$



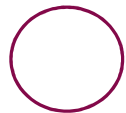
50 twelves – 3 twelves

Solve problems

\_\_\_\_\_

\_\_\_\_\_

c.  $24 \times 6$



6 elevens, doubled

Solve problems

\_\_\_\_\_

\_\_\_\_\_

# Area Model or Standard Algorithm

3. Solve by showing area model or standard algorithm. (3pts)

a.  $31 \times 24 =$

b.  $3.1 \times 24 =$

Explain how your answers to part a and b are related (2 pt)

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# Estimation

4. Estimate your product. Show your work below the problem. Write the answer in the blank. (2 points)

$504 \times 33 =$  \_\_\_\_\_  $\times$  \_\_\_\_\_      My estimation: \_\_\_\_\_

Will the estimated answer be more or less than the actual answer and why? (1 pts)

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