Assignment 1-9

Ch 1 Practice Test

Passing = miss 7 or less

Add or subtract the following numbers. Do not use a calculator. Write your answer below the problem and circle it.

1. $14 + 28$ $\overset{1}{2}8$ $+14$ 42 (42)	2. $87 - 24$ 87 -24 63 (63)	3. $421 + 35$ 421 $+35$ 456 (456)
4. $87 - 24$ 87 -24 63 (63)	5. $432 - 84$ $3\overset{12}{4}\overset{1}{\cancel{3}}2$ -84 348 (348)	6. $23 + 437$ $\overset{1}{4}37$ $+23$ 460 (460)

Multiply or divide the following numbers. Do not use a calculator. Write your answer below the problem and circle it.

7. $7(4)$ (28)	8. $\frac{30}{6}$ (5)	9. $28 \cdot 5$ $\overset{4}{2}8$ $\times 5$ 140 (140)
10. $512(3)$ 512 $\times 3$ 1536 (1536)	11. $\frac{84}{6}$ 14 $6\overline{)84}$ $-6\downarrow$ 24 -24 0 (14)	12. $\frac{133}{7}$ 19 $7\overline{)133}$ $-7\downarrow$ 63 -63 0 (19)

Answer the following questions.

13. What are two possible factors of the number 40?	14. What are two possible factors of the number 8?
1 and 40, 2 and 20, 4 and 10, 5 and 8. Any of these will work	1 and 8, 2 and 4. ← Either of these will work

Write a math problem for the following word problems. Then find the answer to the question.

15. Find the product of 10 and 6.

Math Problem: 10(6) Answer: 60

16. What is the product of 18 and 5?

Math Problem: 18(5) $\begin{array}{r} {}^{4}18 \\ \times\ 5 \\ \hline 90 \end{array}$ Answer: 90

17. A box of oranges contains 12 oranges. If you have 9 boxes, how many oranges do you have total? [12] . . . .

Math Problem: 12(9) or 9(12) $\begin{array}{r} {}^{1}12 \\ \times\ 9 \\ \hline 108 \end{array}$ Answer: 108 oranges

18. If there are 5 pens in a package, and you have a box that contains 90 packages, how many pens do you have? [5] . . . .

Math Problem: 5(90) or 90(5) $\begin{array}{r} 90 \\ \times\ 5 \\ \hline 450 \end{array}$ Answer: 450 pens

Simplify the following expressions. Write it out the long way first, then write your answer below it and circle it.

19. 8^2	20. 6^2
8 · 8 = 64	6 · 6 = 36

21. 5^3

$5 \cdot 5 \cdot 5$

25

125

25 × 5 = 125

22. 2^5

$2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$

4 8 16

32

Simplify the following expressions. Write your answer below the problem and circle it.

23. $15 + 3^2 - 6 \cdot 2$ PEMDAS

$15 + 9 - 6 \cdot 2$

3·3

$15 + 9 - 12$

$24 - 12$

24 − 12 = 12

12

24. $4 \times 5 - 2 + 20$ PEMDAS

$20 - 2 + 20$

$18 + 20$

38

25. $4 \cdot (3 + 6) - 40 \div 5$

PEMDAS

$4 \cdot 9 - 40 \div 5$

$36 - 8$

28