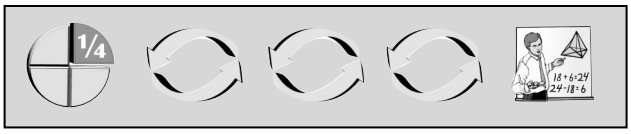
Name: _____

Date: _____ Grade: _____

SECTION QUIZ 5-1



Remember:
Score an 85% or higher on all three quizzes and you may be exempt from the chapter test!



Congratulations! You have completed this section!
Answer the following questions to test your understanding of the material. When you are finished, hand in your quiz to your teacher. Each answer is worth 2.27 points.

1. 92.56 cm × $^1/_4$ = _____

2. 18.2 metric tons × $^3/_4$ = _____ metric tons

3. At a milk-drinking contest, a contestant drank $12^1/_2$ glasses of milk in forty-five seconds. If each glass contained one-fourth of a liter of milk, calculate how many liters of milk the contestant drank. _____

4. On their camping trip, in one hour Roberto hiked two-thirds as far as Rafael. If Rafael hiked 2,400 meters, calculate the distance that Roberto hiked. Choose the best answer from the list below. _____
(a) 3,600 meters (b) 1,200 meters (c) 2,000 meters (d) 1,600 meters

5. A Red Cross truck had a capacity of 18 metric tons. The truck was loaded to $^2/_3$ capacity hauling supplies to the Trade Center disaster. Calculate the weight of the supplies on the truck. _____

6. Factors multiplied to another number for the purpose of converting from one unit to another are called _____.

7. one foot = _____ meter

8. _____ mile = 1.6 km

9. _____ inches = one meter

10. 5 in. = _____ cm

©Copyright 2005, Paradigm Accelerated Curriculum

DUPLICATION BY WRITTEN PERMISSION ONLY.

SECTION QUIZ 5-1

Matching.

11. _____ meter	(a) basic unit of weight in Metric System
12. _____ liter	(b) only divisible by one and itself
13. _____ gram	(c) basic unit of length in Metric System
14. _____ inch	(d) basic unit of weight in English System
15. _____ ounce	(e) has factors other than itself and one
16. _____ prime number	(f) basic unit of volume in Metric System
17. _____ composite number	(g) basic unit of length in English System

Work the following problems. Show your work in the space provided and write your answer on the blank.

18. Which of the following represents the Metric conversion for four feet to meters? _____

(a) .6096 m (b) 1.2192 m (c) 1.8288 m (d) .9144 m

19. 20 kilometers is how many miles? _____

(a) 12.43 miles (b) 28.3 miles (c) .08 miles (d) 18.6 miles

20. 30 cm = _____ inches

21. 7 yards = _____ meters

22. 3.785 liters = _____ gallons

23. A box has a capacity of two cubic feet. What is the capacity of the box in liters? _____

(a) 56.63 liters (b) 28.32 liters (c) 9.4 liters (d) 84.95 liters

©Copyright 2005, Paradigm Accelerated Curriculum

DUPLICATION BY WRITTEN PERMISSION ONLY.

SECTION QUIZ 5-1

24. A vial of medicine holds 3 cubic inches of medicine. Calculate the volume of the vial in cubic centimeters. _____ cc

25. 20 liters = _____ qts

26. 4 gallons = _____ liters

27. 1 pound = _____ grams

28. .035 oz = _____ gram

29. 10 kg = ____ pounds

30. 60 g = _____ oz

31. A Red Cross truck carried 20 tons of relief supplies to New York City after 9-11-2001. What was the weight of the supplies in kilograms? _____

(a) 907.2 kg (b) 18,144 kg (c) 22,680 kg (d) 2,000 kg

32. 12 metric tons equals how many pounds? _____

(a) 2,400 pounds (b) 26,400 pounds (c) 2,840 pounds (d) 2,200 pounds

©Copyright 2005, Paradigm Accelerated Curriculum

DUPLICATION BY WRITTEN PERMISSION ONLY.

SECTION QUIZ 5-1

33. Which of the following numbers is **NOT** a prime number? _____
17, 13, 2, 11, 8, 19, 5, 7

Write C for composite, or P for prime beside each of the following numbers.

34. _____ 29 **35.** _____ 11 **36.** _____ 18 **37.** _____ 26

38. What are the prime factors of 25? _____

39. Find the prime factors of 148. _____

Match the following Life Principles.

40. _____ *"People who plan to succeed often do.*

41. _____ *"Technology changes*

42. _____ *"Converting a bad life into a good life*

43. _____ *"Man's nature is composed of good and bad.*

44. _____ *"Weigh all your options*

(a) *is worth the effort."*

(b) *before proceeding."*

(c) *The nature he feeds the most is the most powerful."*

(d) *while human nature remains the same."*

(e) *People who do not plan usually do not succeed."*

©Copyright 2005, Paradigm Accelerated Curriculum

DUPLICATION BY WRITTEN PERMISSION ONLY.