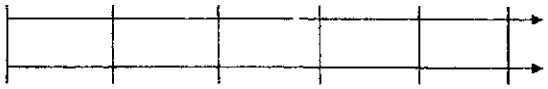
Name: _____ Class: _____ Date: _____

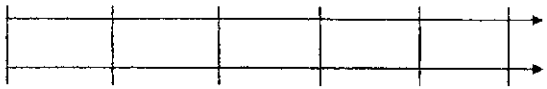
Ratio Practice Problems Using Double Number Lines

Directions: Draw a double number line for each problem to help answer the question (extend the double number line if needed). Be sure to label what each bar represents.

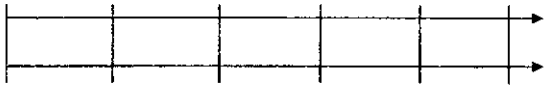
1. There are 4 apples on each plate. If there are 6 plates, how many apples are there altogether?



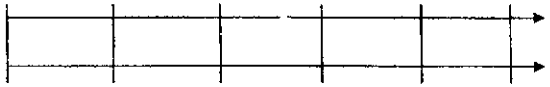
2. 1 meter of wire weighs 6.7 grams. How much will 5 meters of the same wire weigh?



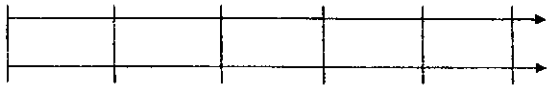
3. There are 24 students in a classroom and 6 large round tables. How many children should be seated at each table if there must be the same number of children at each table?



4. 8 meters of wire length weigh 12 grams. How much will 1 meter of the same wire weigh?

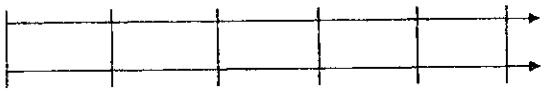


5. There are 30 students in a class. A hexagonal table can seat 6 students. How many hexagonal tables do we need to seat all students?

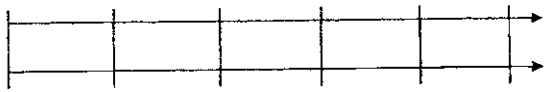


6. 1 foot of wire weighs 5 ½ ounces. How long will the wire be if it weighs 33 ounces?

7. Paul is building a book case. If each shelf can hold 15 books and there are 5 shelves in the book case, how many books can be placed in the book case?



8. Willie has a board that is 32 feet long. If he cuts the board into 4 equal length pieces, how long will each piece be?



9. Carlos bough 8 packages of gum. If each package has 6 pieces of gum, how many pieces of gum did Carlos buy altogether?

10. Lynn bought 28 chocolate bars. There were in packages of 4. How many packages did Lynn buy?

11. A car can travel 96 miles on 3 gallons of gas. How far can the car travel on 15 gallons of gas?

12. A photocopier can print 12 copies in 48 seconds. At this rate, how many copies can it print in 1 minute?