

Unit 3 Make-Up Review

Date _____ Period _____

Solve each problem.

1) 45% of what is 127?

2) 65% of what is 93?

3) 7.3 is what percent of 116?

4) What percent of 46.4 is 45?

5) 73.5 is 57% of what?

6) 48% of 42 is what?

7) What is 19% of 43?

8) What is 97% of 25.8?

9) What is 28% of 48.7?

10) 38% of what is 4?

11) What percent of 114 is 31?

12) 12% of what is 132?

13) 17 is what percent of 117?

14) What is 50% of 22?

Solve each proportion.

15) $\frac{m}{8} = \frac{3}{7}$

16) $\frac{8}{r} = \frac{10}{6}$

17) $\frac{10}{5} = \frac{2}{x}$

18) $\frac{9}{a} = \frac{6}{4}$

19) $\frac{8}{7} = \frac{6}{x}$

20) $\frac{10}{3} = \frac{9}{r}$

$$21) \frac{4}{m} = \frac{2}{3}$$

$$22) \frac{7}{b} = \frac{2}{5}$$

Answer each question and round your answer to the nearest whole number.

23) The money used in Western Samoa is called the Tala. The exchange rate is \$2 = 6 Tala. Find how many Tala you would receive if you exchanged \$4.

24) Willie bought nine bags of yellow onions for \$18. How many bags can Molly buy if she has \$6?

25) The currency in Western Samoa is the Tala. The exchange rate is approximately 8 Tala for \$3. At this rate, how many Tala would you get if you exchanged \$9?

26) Four plantains cost \$2. How many plantains can you buy for \$6?

27) If you can buy one bunch of seedlees black grapes for \$2, then how many can you buy with \$18?

28) 18 golden delicious apples cost \$9. How many golden delicious apples can you buy for \$1?

29) The currency in Europe is the Euro. The exchange rate is approximately \$11 for 8 Euros. At this rate, how many dollars would you get if you exchanged 16 Euros?

30) Four packages of fresh chives cost \$8. How many packages can you buy for \$16?

Convert the following

31) 1,000 g = _____ mg

32) How many feet are in 15 yards?

33) Convert 53 g into kg

34) How many ounces are in 2 gallons?

35) 31,680 feet is equal to how many miles?

36) 741 mm = _____ m

37) How many inches are in one mile?

38) Convert 54 km into cm

39) How many quarts are in 160 ounces?

40) Convert 18 inches into yards