

MATHEMATICS 6
3RD SUMMATIVE TEST
1ST QUARTER

Name: _____

Solve the following problems. Write your answers on the blank.

1. How many decimal place(s) is the product of 0.345 and 0.6? _____
2. The product of 2 decimal numbers is 20.062. One of the factors has 2 decimal places, how many decimal places (s) has the other factor? _____
3. A jeweler had 0.65 gram of gold. He used 0.06 of this for a pair of earrings. How much gold did he used if he made 3 pairs of earrings? _____
4. A microbe in a test tube weighs 0.001 g. What is the total weight of microbes in 456 test tubes? _____
5. A crate weighs 32.5 kg. How much 100 crates weigh? _____
6. Lito stays fit by doing 53 push-ups a day. About how many push-ups can he do in 10 days? _____
7. A shot put metal ball has a minimum weight of 5.727 kilogram. About how many kilograms will 100 metal balls weigh? _____
8. How many centavos are there in ₱ 125.75? _____
9. From a roll of cotton containing 24.75 meters, a seller sold 9.85 meter at ₱22.25 per meter. How many meters were left? _____
10. Sam can ride his bicycle a kilometer in 6.2 minutes. At this rate, how long will it take him to ride 4 km? _____
11. A clerk is paid ₱ 45.25 per hour for 40 hours a week, 1.50 times the regular rate for overtime and double the rate for a holiday. How much does the clerk get if he works overtime for 5 hours and 2 hours on holiday? _____
12. A computer programmer earns a regular hourly rate of ₱50.00. If he worked 42.75 hours in a week, how much did he earn? _____
13. Arthur earns ₱ 1350.00 a day. He sets aside 0.10 of this for savings. How much does he save in a month? _____
14. Mr. Fernandez has a monthly pay of ₱ 5,450. The tax deducted from his monthly salary is 543.00. What is the actual pay he receives in a year? _____
15. Dianne works 2.5 hours a day from Monday to Friday and 3.75 hours on Saturday. If he is paid ₱25.00 per hour, how much does he earn in a week? _____

16. Mr. Fernandez earns ₱ 28.50 per hour as an office clerk. He earns 1.75 times as his regular rate for overtime. His regular work is 40 hours per week. He gets overtime pay if he works more than 40 hours. How much is his total earning if he works 45 hours in one week?

17. Lucy earns ₱ 1,525.00 a week. She sets aside 15% of this for savings. How much does she save in a year? (Hint: 1 year = 52 weeks). _____

18. A clerk is paid ₱ 45.50 per hour for 40 hours per week, 1.50 times the regular rate for overtime and double the regular for a holiday. How much does the clerk get if he works overtime for 3 hours and 5 hours on a holiday? _____

19. Sarah works 8.5 hours a day from Monday to Friday and 6.75 hours on Saturday. If she is paid ₱ 55.25 per hour, how much does she earn in a week? _____

20. Mr. Paron sells fruits in the market. Banana costs 25 pesos per kilo-gram and grapes costs 180 pesos per kilogram. A customer bought 5.25 kilos of banana and 3.75 kilograms of grapes. How much will the customer pay? _____