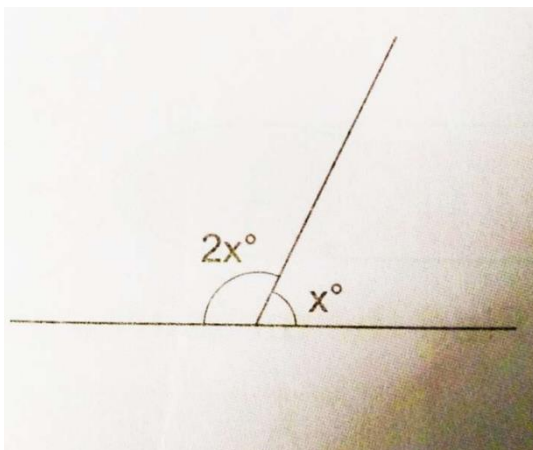


STD 7- MICROSOFT FORMS – MATH

SECTION 1: 1. Name 2. Roll no. 3. Division

SECTION 2: Choose the correct alternative from the brackets for each of the following questions.

4. If the cost price of an article is Rs.100 and its selling price is Rs.120, the profit earned is_____. (**Rs.220 / Rs.20**)
5. When we add: $(8x + 3y^2) + (2x + 9y^2)$, we get (**$10x^2 + 12y^4$ / $10x + 12y^2$**)
6. When we multiply 3.17 with 10 we get_____ (**0.317 / 31.7**)
7. Find the complementary angle of 42° . (**48° / 132°**)
8. If 68 % is expressed as a fraction the answer will be_____. (**$\frac{17}{25}$ / $\frac{25}{17}$**)
9. When $\frac{37}{12}$ is expressed as mixed fraction, we get (**$3\frac{1}{12}$ / $12\frac{1}{3}$**)
10. Which of the following is a trinomial? (**$2x + 8 + 3$ / $2x + 8y + 3$**)
11. The supplementary angle of 72° is (**180° / 108°**)
12. Converting the fraction $\frac{7}{12}$ into percentage we get, (**$58\frac{1}{3}\%$ / $57\frac{1}{3}\%$**)
13. When we subtract 12.999 from 13, we get (**0.01 / 0.001**)
14. What is $4\frac{2}{7} \times 35$? (**40 / 150**)
15. When we subtract 6.8392 from 13.213 we get? (**6.2338 / 6.3738**)
16. 11.5% of 350ml is ? (**40.25ml / 40.55ml**)
17. If loss is Rs. 20 and selling price is Rs 380. What is the cost price? (**Rs.360 / Rs.400**)
18. If we add $7x$, $-4x$ and $15x$, we get? (**$18x$ / $18x^3$**)
19. $(-8y) \times (-12x) = ?$ (**$-96xy$ / $96xy$**)
20. What is the value of 'x' in the given figure? (**60° / 120°**)



21. What percentage of Rs. 1260 is Rs. 126 ? (10% / 100%)

22. If cost price is Rs. 24 and selling price is Rs. 30. What is the profit percent? (25% / 75%)

23. Simplify the question given below and express your answer as decimals.

$$3 \times 10 + 4 \times 1 + 7 \times \frac{1}{10}$$

The answer is : (4.1 / 34.7)

24. Solve : $\frac{2.13}{100}$ (0.213 / 0.0213)

25. Multiply: $-15xy^2 \times 2523x^3y^3 \times 0 = ?$ (-37,845x⁴y³/ 0)

26. 50% of 850 is ? (425 / 800)

27. If C.P. = Rs. 5,250 and S.P. = Rs. 8,526 then profit will be?

(Rs.3,276 / Rs.3,726)

28. $\frac{1500}{5} \times \frac{680}{3000} = ?$ (668 / 68)

29. $2.396 \times 3 = ?$ (16.3 / 7.188)

30. 10% of 1,00,000 =? (1,000 / 10,000)

31. $-18pq \times 80xyz = ?$ (-1440pqxyz / -12052pqxyz)

32. If profit is Rs.720 and the C.P. is Rs.900, the profit percent will be?

(90% / 80%)

33. The complement of a 45° angle is ? (48° / 45°)