

Name: _____

Due Date: _____

Teacher: _____

Parent Sign: _____

Answers

1. 18

2. 10

3. 20

4. 10

5. 20

6. 13

7. 32

8. 21

9. 13

10. 11

11. 29

12. 20

13. 6

14. 50

15. 15

16. 12

17. 14

18. 7

19. 13

20. 10

21. $\frac{24}{40} = \frac{3}{5}$

22. Math only = $18 - 10 = 8$; relative frequency = $\frac{8}{40} = 0.20$

23. $\frac{30}{50} = 60\%$

24. $\frac{45}{60} = 0.75$

25. $\frac{20}{50} = \frac{2}{5}$

26. $\frac{32}{80} = 0.40 = 40\%$

27. $\frac{40}{100} = 0.40$

28. Not take French = $\frac{63}{90} = \frac{7}{10}$

29. $\frac{36}{120} = 0.30 = 30\%$

30. 1 hour = $\frac{25}{50} = 0.50$

31. $\frac{80}{200} = \frac{2}{5}$

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32. Not in robotics = $\frac{60}{75} = 0.80$ (two decimals = 0.80)
33. A not B = $18 - 10 = 8$; relative frequency = $\frac{8}{40} = \frac{1}{5}$
34. $\frac{24}{60} = 0.40 = 40\%$
35. $\frac{9}{45} = 0.20$
36. Female and do not smoke = $\frac{40}{100} = 0.40$
37. Male smokers = 20; total smokers = 30; fraction = $\frac{20}{30} = \frac{2}{3}$
38. Smokers = $\frac{30}{100} = 30\%$
39. 7th & No tutoring = $\frac{23}{60} \approx 0.38$ (two decimals)
40. Tea only = $30 - 12 = 18$; probability = $\frac{18}{50} = 0.36$
41. Male who exercises = $\frac{30}{80} = \frac{3}{8} = 0.375$
42. Females not exercise = 20; total females = 40; percent = $\frac{20}{40} = 50\%$
43. Failed students total = $10 + 15 = 25$; English failed = 15; fraction = $\frac{15}{25} = \frac{3}{5}$
44. Card payers = $14 + 14 = 28$; relative frequency = $\frac{28}{48} = \frac{7}{12}$
45. New customers total = $8 + 14 = 22$; new & cash = 8; percent = $(\frac{8}{22}) \times 100\% \approx 36.36\%$
46. Like jazz total = $35 + 20 = 55$; under 40 and like jazz = 35; fraction = $\frac{35}{55} = \frac{7}{11}$
47. 8th & breakfast = $\frac{20}{70} = \frac{2}{7} \approx 0.286$
48. Fraction = $\frac{30}{72} = \frac{5}{12}$
49. Vaccinated females = $\frac{70}{200} = 0.35 = 35\%$
50. Vaccinated females among females = $\frac{70}{110} = \frac{7}{11}$