



2021-2022

Bishop Kelley High School
Summer Math Program
Course: Pre-Algebra

Name:

Directions:

1. Show all work in the space provided for each question in the packet. Do NOT use a calculator.
2. This material will be collected, graded and points awarded at the discretion of each teacher on the first day of the math class.
3. An additional resource for help with this packet is <http://www.khanacademy.org>. It provides videos of approximately 10 minutes in length on hundreds of math topics.

SPECIAL NOTE OF INTEREST:

All freshman Pre-Algebra students at Bishop Kelley will be allowed to use the **TI 30X IIS** scientific calculator from Texas Instruments **ONLY**. Please have one for the first day of class.

Solve the following arithmetic problems in the space provided.
Do NOT use a calculator. Any answers that are not supported by
work will receive "ZERO" credit.

1. $35 + 76 =$

2. $11 + 49 =$

3. $84 + 58 =$

4. $617 + 92 =$

5. $369 + 71 =$

6. $444 + 89 =$

7. $5328 + 965 =$

8. $1221 + 8998 =$

9. $356 + 2314 =$

10. $47 + 39 + 66 =$

11. $263 + 319 + 77 =$

12. $59 + 831 + 1432$

Solve the following arithmetic problems in the space provided.
Do NOT use a calculator. Any answers that are not supported by
work will receive "zero" credit.

13. $58 - 45 =$

14. $96 - 9 =$

15. $215 - 6 =$

16. $617 - 92 =$

17. $369 - 71 =$

18. $444 - 89 =$

19. $823 - 245 =$

20. $774 - 509 =$

21. $5334 - 965 =$

22. $3000 - 175 =$

23. $87,500 - 9881 =$

24. $186,244 - 70,565$

Solve the following arithmetic problems in the space provided. Do NOT use a calculator. Any answers that are not supported by work will receive "zero" credit.

25. $14 \times 7 =$	26. $735 \times 6 =$	27. $4720 \times 5 =$
28. $94 \times 15 =$	29. $821 \times 23 =$	30. $687 \times 40 =$
31. $821(56) =$	32. $2121(38) =$	33. $39(1202) =$
34. $512 \cdot 97 =$	35. $8004 \cdot 217 =$	36. $11(12)(14) =$

Solve the following arithmetic problems in the space provided. Do NOT use a calculator. Any answers that are not supported by work will receive "zero" credit.

37. $8\overline{)216}$	38. $9\overline{)2313}$	39. $5\overline{)2000}$
40. $12\overline{)288}$	41. $15\overline{)975}$	42. $50\overline{)6100}$
43. $91 \div 7 =$	44. $3000 \div 12 =$	45. $840 \div 60 =$
46. $\frac{672}{4} =$	47. $\frac{512}{32} =$	48. $\frac{1078}{11} =$

Read the following problems carefully then solve the arithmetic problems in the space provided. Do NOT use a calculator. Any answers that are not supported by work will receive "zero" credit.

49. At one table in the cafeteria, several students shared 3 pizzas. Each pizza was cut into 8 slices. After the students shared the pizza equally, there were 3 slices left over. How many students shared the pizza? How many slices of pizza did each student eat?

50. Melanie's family took a trip. The first day they drove 140 miles. The second day they drove 210 miles. The third day they drove 120 miles. How many miles did they drive altogether? What was their average mileage per day?

51. Melanie's mother bought 30 gallons of gas during their trip. If they drove a total of 660 miles, how many miles did they drive per gallon of gas? If gas costs \$3.59 per gallon, how much did she spend on gas for the trip?

52. Mary practices the violin for 45 minutes each day. How many minutes does she practice in one week? How many hours?

53. The 158 students from Loyola Middle School are going on a picnic. If there are 8 hot dogs in a package, how many packages are needed for each student to have 2 hot dogs?

Read the following problems carefully then solve the arithmetic problems in the space provided. Do NOT use a calculator. Any answers that are not supported by work will receive "zero" credit.

54. Mrs. Jackson bought 7 dozen eggs for an egg-tossing contest. If each of the 26 teams is given the same number of eggs, how many eggs does each team get?

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55. A 7-pack of granola bars costs \$6.93. What is the unit price? (Unit price is what you would pay for 1 of the items.)

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56. The Shaw family drove from Boston to Houston in 6 days. If they drove the same distance each day, about how many miles did they drive each day? Use the information from the chart at the right.

Road Mileage from Boston, MA	
City	Number of miles
Kansas City, MO	1391
Philadelphia, PA	296
Houston, TX	1804

57. Tom and his family leave Boston on Monday morning to drive to Kansas City. If they drive about 150 miles each day, what day should they arrive in Kansas City?

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58. Connor must be at school by 8:00 am. It takes him 1 hour to get ready in the morning and 35 minutes to drive to school. What is the latest time Connor can get up in the morning without being tardy to school?
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