

**Lake
Braddock
Secondary
School**



**Summer Packet
For
Rising Math 7
Bruins**



Name: _____

Elementary School:

Summer Packet for Rising Seventh Grade Bruins

All of the problems in your summer packet must include the work and must be completed without the use of a calculator.

Please solve the following application problems in the space provided showing all your work. Please put a box around your final answer.

1. A kitchen floor has 100 tiles. Thirty-five tiles are white. The rest of the tiles are red. What percent of the tiles are red?

2. Lance rides his bike every third day, walks every other day, and swims every fifth day. If today is day 1 and Lance does all three activities on this day, on what day will Lance do all three activities?

3. Blanca's dog gave birth to five puppies. The puppies weighed 0.567 lb, 0.572 lb, 0.570 lb, 0.557 lb, and 0.56 lb. Order the weights of the puppies from greatest to least.

Order the fractions or mixed numbers from greatest to least. Show your work.

4. $\frac{3}{5}, \frac{2}{3}, \frac{7}{10}, \frac{1}{2}$	5. $2\frac{3}{4}, 2\frac{1}{3}, 1\frac{3}{4}, 2\frac{3}{5}$
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Solve the following problems in the space provided showing all of your work.

6. $10\frac{3}{4} + 9\frac{1}{12} =$	7. $\frac{1}{4} + \frac{2}{5} + \frac{3}{10} =$
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8. $\frac{7}{12} \times 36 =$	9. $\frac{4}{9} \times \frac{3}{10} =$
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10. What is the reciprocal of 9?	11. What is the reciprocal of $1\frac{3}{4}$?
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Please solve the following application problems in the space provided showing all your work. Please put a box around your final answer.

12. Mrs. Thomas cooked a turkey weighing $20\frac{5}{8}$ pounds. His family ate $\frac{1}{3}$ of the turkey for dinner. How many pounds of turkey are left over?

Solve the following problems in the space provided showing all of your work.

13. $30 \div \frac{5}{12} =$	14. $1\frac{2}{7} \div \frac{3}{4} =$	15. $4\frac{1}{9} \div 6\frac{2}{3} =$
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Solve the following problems in the space provided showing all of your work.

16. $16.124 \div 0.02$	17. $0.245 \div 0.007$
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18. What are the next three terms in the sequence?

81, 27, 9, _____, _____, _____

19. What is 509,200,000 written in scientific notation?

Write an integer to represent each situation. Write your final answer in the space provided.

20. An integer that is even, greater than -18, and less than -15. _____

21. An integer that is a multiple of 3, greater than 27, and less than 32. _____

22. An integer that is neither positive nor negative. _____

23. A deposit in your bank account of 600 thirty dollars. _____

Please solve the following application problems in the space provided showing all your work. Please put a box around your final answer.

24. A bag contains 3 blue marbles, 5 red marbles, and 2 yellow marbles. Josie draws a marble out of the bag. What is the probability that it is blue?

P(Blue) = _____

25. A bag contains 3 blue marbles, 5 red marbles, and 2 yellow marbles. What is the probability of drawing a blue or a yellow marble?

P(Blue or Yellow) = _____

Find the mean and median for problems 33 and 34. Show all of your work in the space provided and put a box around your final answer.

26. 100, 110, 135, 128, 130, 141	27. 25.2, 25.6, 26.1, 24.2, 30.2
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Solve the following problems in the space provided.

28. $-2 + 8 =$	29. $7 - 15 =$
30. $-6 + -6 =$	31. $9 - (-9) =$

Please solve the following application problems in the space provided showing all your work. Please put a box around your final answer.

32. Josh packed 3 pairs of pants, 2 shirts, and 2 jackets for a trip. How many different outfits including pants, a shirt, and a jacket did he pack?

33. Mary's family went to Water Country USA for the day. The drive to the park took 2 hours. Mary's father drove $\frac{3}{4}$ of the time and her sister drove the rest of the time. How many hours did Mary's sister drive?

34. Four members of the track team are running a $\frac{3}{4}$ mile race. How far does each member run if they run the same distance?

