















24. Jerry and Henry decide to have a 5 mile running competition. Jerry runs at a speed of 110 yards every 30 seconds for 3 miles, A. Miner then walks the rest of the way at a speed of 55 yards every 30 seconds the rest of the way. Henry runs at a speed of 5 miles per hour? Who wins? (1760 yards=1 mile)

(a) Heegin

(c) Both

(b) Jenny

(a) 110.5<sup>0</sup>

(b) 120.5

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(d) None of them

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25. What is the smaller angle formed between the minute hand and the hour hand at 6:09?

> (c) 130.5<sup>0</sup> (d) 170.5<sup>0</sup>

(c) 48/7

(d) 49/9

26. Three boys run around a track with constant speed. They start at the same point and then end at the same point 48 minutes later. The fastest one ran 6 minutes per lap, and the slowest one ran 8 minutes per lap. Given that the three boys each run at a different speed, how long did it take the middle one to run a lap?

(a) 46/6

(b) 47/7



30. A new ice cream store, Amazing Ice, has opened in town. An order of ice cream is made by choosing a flavor, topping and cone. A. Miner At Amazing Ice, a customer can choose from 29 flavors, 15 toppings and 3 cones. The old ice cream store in town, Country Creamery, still thinks it has more orders, with 27 flavors, 19 toppings and 2 cones. How many more orders does the ice cream store with more orders have than the one with less?

(a) 379

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(b) 210

(a) 2

(b) 9

(d) 333

(c) 322

31. What is the 2010th term of the sequence 1,9, 6, 3, 1, 9,6, 3, 1, 9, 6, 3, 1, 9, 6, 3,....?

(c) 7

(d) 8

32. Rosy is doing back to school shopping. She must buy three packs of paper for every two binders and one pack of pens for every pack of paper she buys. Each binder costs \$3.00, each pack of paper costs \$2.00, and each pack of pens cost \$1.00. If each of Rosy's 10 teachers requires her to buy a binder, how much money does she spend?

, CO (a) \$78 (b) \$75

(c) \$85

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(d) \$95



36. Jongwhan, Mark, Robin and Kelly have jobs in Flatland. Jongwhan works every 5 days as a camp courselor. Mark works every 3 days as a cashier. Robin works every 6 days as a chef. Kelly works every 7 days as a computer technician. Today they are all working at their jobs. In how many days from today will they next be working on the same day again? in the second second

A. Minor

(a) 122

(b) 123

(a) 93

(b) 95

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37. A prime number is a positive whole number whose only positive divisors are 1 and itself. For instance, 2, 3, 5, and 7 are examples of prime numbers. What is the largest prime number smaller than 100?

(c) 213

(d) 210

(c) 97

(d) 94

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38. You flip a coin 6 times. What is the probability that all 6 flips are tails?

31.00 (31).00 (a) 9/66 (c) 3/64 (b) 1/64 (d) 9/64









