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(c) x=18, y=23 (d) x=8, y=13

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, x=18, y=. (b) x=18, y=12

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37. If a turntable rotates through 720 degrees in one second, how many revolutions does it make in one minute?

(a) 120 rev/min

(b) 121 rev/min

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(c) 122 rev/min

(d) 123 rev/min

A. Minor 38. Joe was driving on the highway. A car ahead of him was driving far below the speedlimit so he decided to pass. In the first second he gained 5m on the car and as he accelerated he gained 1.5 times as much distance in each second as he had the second before. If there was 30m between Joe and the car he was passing, then how long did it take him to pass?

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(a) 535/100 seconds

(a) 537/100 seconds

(b) 536/100 seconds

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(d) 538/100 seconds

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40. Brendan went to Toronto to see a Blue Jays game. He had \$650.00 for the trip. It cost him \$40.00 for his ticket to the A. Minar game, \$216.00 to stay 2 nights at a hotel, \$329.00 for his flight and \$29.00 for food. He met a man on Young Street who was running a small casino. Brendan bet \$5,00 in Black Jack and won an amount of money that was triple what he had left after making the bet. He spent half of this at the ball game. How much money L. Minh ny ny did Brendan take home? (c) \$85 (a) \$45 (b) \$25 (d) \$90 41. If twenty people in a factory make 43 shoes in $\sqrt{3}$ / 2 hours, then how many shoes do they make in an eight hour day? M. Minor (a) 396 (c) 398 (d) 399 (b) 397 J. ill Anny C huh - Aall-com - All. on



(a) 820 fares

(d) 838 fares

(b) 826 fares

43. Find the points of discontinuity of the function $f(x)=(x^2+2x+5)/(x^2-3x+2)$

(a) x=2/x=3

(b) x=1, x=2

(c) x=5, x= (d) x=6,x=8

44. Find the Geometric mean for the following distribution:







