

Seventh Grade Math Test 2012: Page 2

13. Every trapezoid has two pairs of parallel sides.
(A) Sometimes
(B) Always
(C) Never
14. Bell worked 7 hours 15 minutes on Monday, 8 hours on Tuesday, 5 hours 30 minutes on Wednesday, 4 hours on Thursday, and 6 hours and 30 minutes on Friday. Bell earns \$7.35 per hour. How much did she earn for the five days she worked? Round your answer to the nearest cent.
(A) \$229.68 (B) \$230.00 (C) \$229.69 (D) \$229.70
15. Tyrel is building a planter for his garden. The planter is going to be by 18 feet by 12 feet by 6 inches. If the soil costs \$10 per cubic yard and will completely fill the planter, what is the cost of the soil?
(A) \$1296 (B) \$216 (C) \$2160 (D) \$40
16. Michaela knows that she will have five tests this grading period and that she must have at least an 80% average to play on the school's volleyball team. Her mean for the first four tests is 77%. What is the least score she can get on the last test and still qualify to play volleyball?
(A) 92% (B) 65% (C) 83% (D) 90%
17. Evaluate this expression if $x = 4$, $y = -4$, and $z = 9$. $3x + 2y + z$
(A) 29 (B) 13 (C) -4 (D) 5
18. Half of the 36 people in a room leave. Then, half of those who left return. How many people are now in the room?
(A) 9 (B) 27 (C) 18 (D) 6
19. Connor played 4 rounds of 18 holes on the Peter Yegen Golf Course. His first score was a 72, his second score was a 75, his third score was a 68, and his fourth score was a 79. What is the mean of his golf scores? Round your answer to the nearest whole number.
(A) 73 (B) 75 (C) 74 (D) 72
20. A square has an area of 64 square feet. What is the length of a side?
(A) 32 feet (B) 16 feet (C) 36 feet (D) 8 feet
21. You earn \$40 shoveling raking leaving in 5 yards. You charge the same amount for each yard. How much will you earn if you rake 3 yards?
(A) \$36 (B) \$24 (C) \$20 (D) \$16
22. Sixteen students compete at a track meet. In how many ways can they come in first, second, and third place?
(A) 560 (B) 1120 (C) 3360 (D) 4096
23. Find the measure of one angle in a regular 12-gon.
(A) 75° (B) 150° (C) 175° (D) 200°
24. A trapezoid has bases of 8 meters and 15 meters, and a height of 6 meters. What is the area of the trapezoid?
(A) 69 m^2 (B) 138 m^2 (C) 84 m^2 (D) 53 m^2

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1. B
2. B
3. D
4. A
5. C
6. D
7. D
8. B
9. C
10. A
11. D
12. B
13. C
14. C
15. D
16. A
17. B
18. B
19. C
20. D
21. C
22. C
23. B
24. A

