Welcome to the Pokémon aptitude test. Here, we will test your abilities as a Pokémon trainer. This test is a 25-question multiple-choice test. Note, HP stands for health or damage a Pokémon is capable of sustaining before fainting. If none of the answer choices are correct, select (E) NOTA.

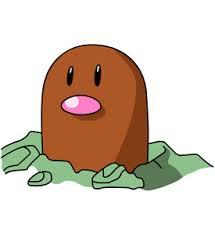
26) The picture shown to the right is a Voltorb. Don’t get too close to this electric type Pokémon or you might be in for a shocking surprise. What shape does it most accurately represent?

**(A) Circle     (B) Triangle    (C) Square     (D) Pentagon     (E) NOTA**

27) This cute little creature's name is Victini. It is said possession of this Pokémon will lead its trainer to victory. Notice the triangular pattern on his head. If the triangle has a base of 8 and a height of 10, what is its area?

**(A) 20     (B) 40     (C) 60     (D) 80     (E) NOTA**

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28) This Pokémon is known as Diglett. It might be small, but it packs quite a punch and may shake you up a bit as it comes out from its hiding place underground. Its shape is a rectangle with a semi-circle. If the semi-circle has a diameter of 4 and the height of Diglett is 6, then what is the area of the Diglett? Round to the nearest tenths.

6

**(A) 22.3     (B) 28.6     (C) 30.3   (D) 36.6     (E) NOTA**

29) Youngster Joey wants to battle. He sends out his Rattata, which is among the top percentages of Rattata. If his Rattata has HP, then how much HP does it have?

**(A) 20 HP     (B) 27.8 HP     (C) 55 HP     (D) 117.4 HP     (E) NOTA**

*Refer to the given information for questions 5 and 6*

Badly poisoned is a type of status that does of the target’s maximum HP at the end of the first turn, but does more damage on every successive turn. To be precise, , then , then , and so on so forth.

30) On the second turn of badly poisoned, of the target’s maximum HP is dealt. What is as a percent? Round to the nearest whole percent.

**(A) 11%     (B) 12%     (C) 13%     (D) 14%     (E) NOTA**

31) If a Pokémon is badly poisoned and it takes 100% of its HP as damage before it faints, how many turns will it take for this Pokémon to faint?

**(A) 3 turns (B) 4 turns (C) 5 turns (D) 6 turns (E) NOTA**

32) Sleep is a status that immobilizes you for 2, 3, 4, or 5 turns. What is the average of turns you stay asleep?

**(A) 2.5      (B) 3.0      (C) 3.5      (D) 4.0      (E) NOTA**

33) You are trying to catch Pokémon in the safari zone and you find 5 Exeggcutes, 6 Nidorans, 4 Nidorinos, 4 Nidorinas, 2 Kangaskhans, 2 Scythers, 2 Chanseys, 7 Rhyhorns, 7 Paras, 5 Venonats, and 11 Magikarps. What are the mean, median, and mode of the amount of each Pokémon you saw?

**(A) 22 (B) 16 (C) 15 (D) 11 (E) NOTA**

34) Your speed on the bicycle is 10 miles per hour and your speed on foot is 3 miles per hour. Professor Oak tells you that there is a time and place for everything and that riding a bike inside is not allowed. If you bike outside for two hours and then walk inside the Pokémon Center for one hour, then what is the total distance you ***walked***?

**(A) 3 Miles (B) 10 Miles (C) 16 Miles (D) 23 Miles (E) NOTA**

35) As a Pokémon trainer, you work very diligently in order to make money. In order to be able to afford supplies, you defeat 15 Pokémon trainers and take their money. In other words, you make your money honestly. If you make 500 Poké-dollars for every trainer you defeat and you need to buy 20 potions, each costing 200 Poké-dollars, then do you have enough money? If you do, state how much is left over.

**(A) No (B) Yes: 3000 Poké-dollars (C) Yes: 3500 Poké-dollars**

**(D) Yes: 4000 Poké-dollars (E) NOTA**

36) You are at Pallet Town and you want to head to Fuchsia City. To get to Fuchsia, you must travel through Cinnabar Island and then the Seafoam Islands. If Pallet Town is located at (5,6), Cinnabar Island is located at (5,1), Seafoam Islands are located at (8,1), and Fuchsia City is located at (8,3), then how many units did you travel?

**(A) 10 (B) 11 (C) 13 (D) 15 (E) NOTA**

37) Jamie loves Pokémon. However, the legal age to own Pokémon is at least 10 so Jamie cannot be a Pokémon trainer. Instead, he collects Pokémon trading cards. Jamie has bought 151 booster packs and 10 collector’s tin. If every booster pack comes with 10 cards and every collector’s tin comes with 4 booster pack and a holofoil card, then how many cards does Jamie own?

**(A) 410 (B) 1510 (C) 1560 (D) 1920 (E) NOTA**

38) You are a skilled trainer and own a lot of Pokémon. Your Pokémon can stand in 7 rows, each row containing 8 Pokémon. How many Pokémon do you have?

**(A) 52 (B) 54 (C) 56 (D) 58 (E) NOTA**

39) Encountering wild Pokémon is always annoying. That’s why you always buy Repels. If normal Repels cost 350 Poké-dollars and works for 100 steps, Super Repels cost 500 Poké-dollars and works for 200 steps, and Max Repels cost 700 Poké-dollars and work for 250 steps. Which repel is the cheapest per step?

**(A) Repel (B) Super Repel (C) Max Repels**

**(D) Max and Super Repels cost the same (E) NOTA**

40) One day you walk up to a patch of grass and notice its square shape. Curious of its perimeter, you decide to measure its length. You find it to be 5 inches. What is its perimeter in inches?

**(A) 10 (B) 18 (C) 21 (D) 25 (E) NOTA**

41) Justin and Nilay are in an intense face off to show who is the better Pokémon trainer. The problem is, Justin is extremely bad at the game and only uses earthquake, a very powerful ground type move. Nilay knows this and uses a flying type, which takes no damage from ground moves. Justin is confused at why he lost so Nilay gives him a math problem to explain why he is bad. What is ? (Represents the amount of damage Justin did to Nilay.)

**(A) 0 (B) 1 (C) 100 (D) 200 (E) NOTA**

42) You are at the Celadon Department store and you want to buy some lemonade. There are 8 floors and the vending machines are on the 8th floor. You are a very special child and decide to take a unique route. You start at floor 1, you go up 5 floors, then down 3 floors, then up 4, then down 2, and finally down 3 floors. How many more floors do you need to climb to reach the final floor?

**(A) 4 (B) 5 (C) 6 (D) 7 (E) NOTA**

43) Brian is an enthusiastic bug catcher who is going to Viridian Forest in hopes of catching some bug Pokémon. There are 13 patches of grass. 3 of them are filled with Caterpies, 4 of them are full of Weedles, 2 of them are full of Metapods, 3 of them are filled with Kakunas, and 1 of them has a Pikachu. If Brian steps in a random patch of grass, what is the probability he finds a Metapod?

**(A) (B) (C) (D) (E) NOTA**

44) You are training your Charmander. It either takes 12 Pidgeys, 8 Rattatas, or 6 Mankeys to gain a full level. In other words, every Pidgey will gain you of a level, every Rattata will gain you of a level, and every Mankey will gain you of a level. If you have defeated 2 Pidgeys and 4 Rattatas, then how many Mankeys will you have to defeat to gain a level?

**(A) 2 (B) 3 (C) 4 (D) 5 (E) NOTA**

45) Sampath is a very lazy Pokémon trainer and decides to leave his Pokémon in the daycare. Sampath is also not very smart since to level up through the daycare, you must walk a certain amount of steps, proving that he is not proficient in the art of laziness. If the first level takes 100 steps, the second level takes 125 steps, the third level takes 150 steps, and so on, the how many total steps will you have to take in order to level your Pokémon up 5 levels?

**(A) 200 (B) 375 (C) 550 (D) 750 (E) NOTA**

46) Cayle likes playing Pokémon. Problem is, she can never catch anything since her aim is horrible and cannot throw Pokéballs. If Eevee was at (0,3) and Cayle threw her Pokéball to (4,0), then how many units off was she from her target?

**(A) 2 (B) 3 (C) 4 (D) 5 (E) NOTA**

47) In Super Smash Bros Melee, Pichu is a playable character. This character is so bad it actually does damage to itself. If Pichu’s Thunderbolt does 2 damage to itself and Pichu’s Thunder does 3 damage to itself, then what is the least amount of moves Pichu can use to deal 17 damage to itself?

**(A) 5 (B) 6 (C) 7 (D) 8 (E) NOTA**

48) In Lawton Chiles High School, there is a secret society known as the Pokémon Fan Club. Within the club there are those who worship the almighty Helix and those who bow down to the dark and evil Dome. Some are undecided and are considered as followers of both. If there are 16 Helix worshippers, 13 Dome worshippers, and 4 who worship both, then how many people are in the club?

**(A) 21 (B) 25 (C) 29 (D) 33 (E) NOTA**

49) Joey’s Rattata used Dig! Rattata, being the Rattata that is among top percentages of Rattata, digs a hole the shape of a rectangular prism. If the hole has a length of 3 inches, a width of 4 inches and a height of 3 inches, then what is the volume of the hole in cubic inches?

**(A) 10 (B) 28 (C) 32 (D) 36 (E) NOTA**

50) Oh no! Team Rocket is here and up to no good. To beat them, you must solve this problem. What is

**(A) 2 (B) 3 (C) 4 (D) 5 (E) NOTA**

[](http://4.bp.blogspot.com/-qhwrgMU91XI/U1T1DLUzyfI/AAAAAAAAJHs/XS7tdBgWyE4/s1600/1371554560555%5B1%5D.png)