



MCMC Fall 2025

Beginner - Accuracy

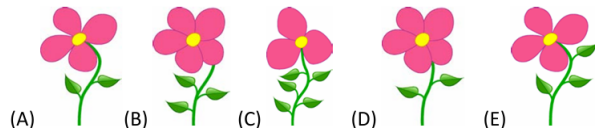
DO NOT BEGIN UNTIL YOU ARE INSTRUCTED TO DO SO

Rules and Code of Conduct

- This exam consists of 25 multiple choice questions. Please note that the difficulty of questions increases as the test progresses.
- You will have 50 minutes to complete this exam. Once the exam begins, there will be no pauses in your time.
- No aids of any type are permitted for this exam other than the resources provided to you.
- An ample amount of scratch paper will be provided if you need more during the examination. Please raise your hand and remain in your seat. A proctor will bring you the extra paper.
- For the multiple-choice portion, we will be using a Scantron. Fill in your answers completely and ensure there are no stray marks.
- If you have any other questions at this time, please raise your hand. We will begin shortly. We wish you all good luck!



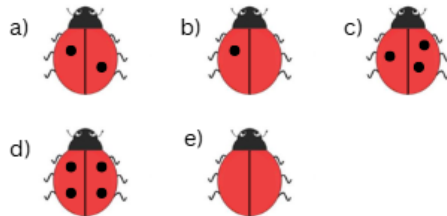
1. Jenny wants a flower. The flower she wants has 3 petals and 5 leaves. Which flower should Jenny pick?



2. Nikhil wants cookies. Help him choose the answer with the most cookies!

- (a) 99 cookies (b) 999 cookies (c) 9,999 cookies
(d) 99,999 cookies (e) 999,999 cookies

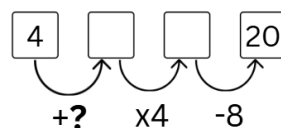
3. Which ladybug has to fly away for there to be 10 black spots left on the remaining ladybugs?



4. Benny has 3 white, 6 black, and 7 red papers. Benny takes all the black and red papers and cuts them in half. How many parts of a whole of a paper are left?

- (a) 20 (b) 25 (c) 27
(d) 28 (e) 29

5. A number is added to 4. The sum is then multiplied by 4. When 8 is subtracted from the product, the result is 20. What is this number?



- (a) 1 (b) 2 (c) 3
(d) 4 (e) -4

6. Benny's dog doesn't like squirrels. Everyday, Benny's dog sees 3 squirrels. How many squirrels does Benny's dog see in 20 days?

- (a) 60 (b) 67 (c) 54
(d) 51 (e) 48

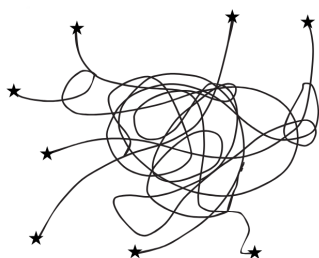
7. Alice has a lot of 10c coins and Benny has a lot of 25c coins. They have the same amount of money. What is the smallest number of coins they could have altogether?

- (a) 5 (b) 7 (c) 9
(d) 22 (e) 24

8. At a farmers stand, a toy car costs 1 dollar and a doll costs twice as much. Benny bought 1 toy car and 4 doll. If he paid with a 20 dollar bill, how much change did he receive?

- (a) 10 (b) 14 (c) 13
(d) 11 (e) 12

9. In the following diagram, black lines represent ropes and stars represent their end-points. How many ropes are there?



- (a) 1 (b) 4 (c) 8
(d) 12 (e) 15

10. Benny's cat catches mice every other day. Each time Benny's cat catches mice, she catches 2 more mice than she did the previous time. In total, how many mice did his cat catch at the end of 9 days? (Assume the first time his cat catches a mice, it will catch 1 mice)

- (a) 9 (b) 12 (c) 19
(d) 22 (e) 25

11. Benny and Jenny are in a library checkout line. There are 5 people ahead of Benny and 8 people behind him. Benny is standing right behind Jenny. How many more people are behind Jenny than in front of her?

- (a) 8 (b) 9 (c) 6
(d) 7 (e) 5

12. What kind of quadrilateral can have all sides that are equal and not have any of the internal angles as 90° ?

- (a) Square (b) Rectangle (c) Circle
(d) Trapezoid (e) Rhombus

20. Benny draws a shape on his paper. The shape has four sides. It has only one pair of parallel sides. What shape does Benny draw?
- (a) Square (b) Rectangle (c) Circle
(d) Trapezoid (e) Rhombus
21. Arnav makes four paintings in 12 hours. His mom makes six paintings in 10 hours. How long will it take them working together to make fourteen paintings?
- (a) 10 (b) 22 (c) 12
(d) 15 (e) 24
22. Benny has a lot of 3-inch cubes. He is going to fill the entire cardboard box which is 9 inch $\times$ 24 inch $\times$ 6 inch with his cubes. What is the maximum number of 3-inch cubes that Benny can fit in the cardboard box?
- (a) 12 (b) 24 (c) 36
(d) 48 (e) 60
23. Benny went to his friend's house starting from his house. This is a 100 meter distance. Then from his friend's house he went to the post office, which was 50 meters away. What is the minimal distance from the post office to his house?
- (a) 0 (b) 50 (c) 475
(d) 950 (e) 1800
24. Benny is now a farmer. Farmer Benny has 10 cows and some chickens only. The total number of chicken legs is equal to the number of cow legs. How many animals does Farmer Benny have?
- (a) 20 (b) 30 (c) 40
(d) 50 (e) 60
25. A year typically has 365 days. A "leap year" is a year which has 366 days. Any year that is divisible by 4 is a leap year, but a year that is divisible by 100 is a leap year only if it is also divisible by 400. How many leap years are there from 1000 to 2025?
- (a) 200 (b) 225 (c) 235
(d) 249 (e) 275