

created\_by: IBM

seed\_examples:

- answer: 'If you have one bun and need to share it among 7 kids without splitting it, each child would receive  $\frac{1}{7}$  of the bun. So the split fraction would be  $\frac{1}{7}$ .

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question: 'i have 7 kids and i have only one bun and i need to share it without splitting, tell me the split fraction

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- answer: 'The doctor instructs you to take one pill every half hour. So, you would take the first pill immediately, the second pill after 30 minutes, and the third pill after another 30 minutes, totaling one hour. After one hour, all three pills would have been consumed.

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question: If a doctor gives you three pills and tells you to take one pill every half hour, how long would the pills last?

- answer: 'The answer to this question is still 5 minutes.

The rate at which the widgets are produced remains constant regardless of the number of machines. Each machine produces one widget in 5 minutes, so whether there are 5 machines or 100 machines, it would still take 5 minutes to produce 100 widgets.

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question: 'If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets?

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- answer: 'The odd one out is Moon. All of the others are planets from the solar system, but Moon is a satellite that orbits around the Earth.

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question: 'Which of the following is the odd one out?

- A) Earth
- B) Mars
- C) Jupiter
- D) Moon

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- answer: "A is D's aunt. \nD is the brother of E\nE is the daughter of B, making \n D the son of B\nB is the sister of A, making A the aunt of both D and E. \n"  
question: A, B and C are sisters, D is the brother of E and E is the daughter of B. How is A related to D ?

- answer: '6\'. The series is dividing the the number in half at each step

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question: "Which number should come next in the series, 48, 24, 12, .....?"

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- answer: 'Sam doesn"'t run faster than Jane as Jane runs faster than Joe and Joe runs faster than Sam.

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question: 'Jane runs faster than Joe. Joe runs faster than Sam. Does Sam run faster than Jane?

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- answer: 'When drying clothes outside, several factors can affect the drying time, such as temperature, humidity, wind, and the number of shirts.

If there"s sufficient space for drying shirts in parallel, drying 20 shirts could take as long as drying 5 shirts so 4 hours. However, when there"s only sufficient space for 5 shirts, you"ll need to dry the shirts in batches so considering that you need to dry 20 shirts, you would need 4 batches bringing the total time to 16 hours.

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question: You're an expert in house chores. It takes 4 hours to dry 5 shirts in open air. How long does it take to dry 20 shirts?

- answer: 'Marc thinks the ball is in the basket as that"s where it was when he left the room. John, on the other hand, thinks the ball is in the cupboard where he put it before he left the room.

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question: 'Marc and John are together in a room with a ball, a basket and a cupboard. Marc puts the ball in the basket and leaves the room. John takes the ball and puts in the cupboard and leaves the room. When they return in the evening, they don"t know what happened to the ball after they"ve left the room. Where do they each think the ball is? Explain your reasoning step by step.

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- answer: 'Based on the information provided, the names of Mike"s mom"s four kids are Luis, Drake, Matilda, and Mike. Therefore the name of the 4th kid is Mike.

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question: 'Mike"s mom has 4 kids. 3 of them are Luis, Drake and Matilda. What is the name of the 4th kid?

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- answer: 'Let"s analyze the situation step by step:

1\ We know that 4 cars traveled from San Francisco to San Jose, which is 41.60 miles apart.

2\ Each car travels at a similar speed. Having more cars on the road will not reduce the time that any one car takes to drive from San Francisco to San Jose.

3\ Therefore, the time it takes for each car to travel the distance is same, 1 hour.

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question: 4 cars left San Fransisco at 12pm and they reached San Jose, 41.60 mi apart, at 1pm. How much time will be needed for 8 cars? Consider they have similar speed.

- answer: 'Based on the information provided, we know that Jane has one car and that it is in the driveway when she is at home. However, when Jane is at her office, we know that she used her car for commuting. This implies that the car is not in the driveway. As Jane only has 1 car, then there must be no cars in Jane"s driveway now. Therefore the answer is 0.

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question: 'Jane has 1 car. When she is at home then her car is in the driveway. Jane is now at her office. Can you find the number of car in her driveway now?

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- answer: 'C (The student"s marks is between 40 and 60.)

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question: ""You are a teacher and need to give grade to the students. The grades are defined as follows:\n\nFor marks less than 40, grade is F.\nFor marks between 40 and 60, grade is C.\nFor marks between 60 and 80, grade is B.\nFor marks above 80, grade is A.\n\nYou will be given a student"s marks as input and you need

to output the grade.\n\nMarks : 47\nGrade:\u00a0\n"

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- answer: 'Intermediate

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question: 'You are a fitness trainer designing workout plans for clients. Based on number of hours a client exercised in a week, determine and output the appropriate fitness level:

For less than 3 hours, fitness level is Beginner.

For 3 to 5 hours, fitness level is Intermediate.

For 5 to 7 hours, fitness level is Advanced.

For more than 7 hours, fitness level is Expert.

Weekly exercise hours: 4

Fitness level: '

- answer: 'Enthusiast

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question: "As a travel guide, you want to assess the experiences of tourists. Based on the number of landmarks visited by a tourist in a city, determine the travel exploration level using the following guidelines: \n\nFor 0 to 2 landmarks, exploration level is Casual. \nFor 3 to 5 landmarks, exploration level is Enthusiast. \nFor 6 to 8 landmarks, exploration level is Adventurer. \nFor more than 8 landmarks, exploration level is Explorer. \n\nNumber of landmarks visited: 4 \nExploration level:\n"

- answer: "The answer is 3 killers. A person comes into the room and kills one of the 3 killers, so 2 of the 3 killers remain. However the new person, having killed one of the killers, is now a killer. Hence there are 3 killers in the room. \n"

question: 'There are 3 killers in a room. A new person comes into the room and kills one of the 3 people. How many killers are in the room now? Explain the answer step by step.

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- answer: 'The answer is 4 hours. Since I am drying the shirts in the sun, it does

not matter if I dry 4 or 8 shirts, it will take the same amount of time.

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question: I am drying some shirts in a wide open space in the sun. If it takes 4 hours to dry 4 shirts, how many hours does it take to dry 8 shirts?

- answer: 'Here is a meaningful sequence:

1. Crime
2. Police
3. Judge
4. Judgment
5. Punishment

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question: "Arrange the words given below in a meaningful sequence.\n1. Police\\_ 2. \\\n Punishment\\_ 3. Crime\\_ 4. Judge\\_ 5. Judgment\n"

- answer: 'Here is a meaningful sequence:

1. Infection
2. Doctor
3. Consultation
4. Treatment
5. Recovery

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question: 'Arrange the following words in a meaningful sequence.

1. Infection
2. Consultation
3. Doctor
4. Treatment
5. Recovery'

- answer: 'Here is a meaningful sequence:

1. Letters

2. Word

3. Phrase

4. Sentence

5. Paragraph

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question: 'Arrange the words given below in a meaningful sequence.

a.Word b.Paragraph c.Sentence d.Letters e.Phrase

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- answer: 'The ball is now in the box. Jack put the ball in the basket. After he left, Jill put the ball in the box, so it is now in the box.

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question: "Jack and Jill are in a room with a ball, box, and a basket. Jack put\  
 \ the ball in the basket and then went to school. After Jack left, Jill put the\  
 \ ball in the box and went to school. Where is the ball now? Explain step by step.\n"

task\_description: 'To teach a language model about step by step reasoning '