

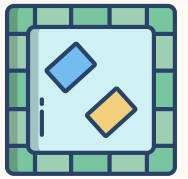
DAY8: DIRECTION -- PART1

Name _____

1. Sam started on step 10 of a long staircase. He moved forward 8 steps to explore. Then, he realized he had gone too far and moved backward 3 steps. What step is Sam on now? Show your thinking with number sentences.



2. Lucas is playing a game of Monopoly. He starts on space 12. He rolls the dice and moves forward 8 spaces. Then he lands on a "Go Back" card and must move backward 3 spaces. What space is Lucas on now? Show your thinking with number sentences.



3. The hour hand on a clock is pointing at 11. Then, it moves clockwise all the way to 6. How many hours have passed as the hour hand moved from 11 to 6? Show your thinking.



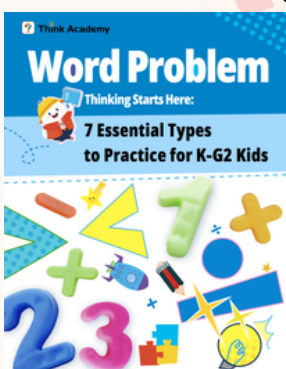
4. Oh no! The big clock in town is broken! The hour hand was pointing at 2, but it moved 4 hours counterclockwise before stopping. What number is the hour hand pointing to now?



**[75 Application Problems
Practice Questions]** –

Invite 2 Friends to Join the
Group to Claim!

5. A carousel has 10 horses. If the carousel rotates 4 full rounds, how many horses does it pass?



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DAY8: DIRECTION -- PART2

Name

6. Liam is organizing his books on the table. He places the English book on the table first. Then, he puts the math book so that it partially overlaps the English book. Finally, he puts the science book on top, overlapping both the English and math books. If you look at the books from above, which book will you see the most?
7. Ella is making a pile of colored paper. She puts the blue paper on the table first. Then, she places the green paper on top of the blue paper. Last, she adds the yellow paper, which overlaps both papers. If you look from above, which paper will you see the most? Which paper is at the bottom?
8. John is looking at a number card. The number 6 is printed on it. He rotates the card and looks at it again. What number does it look like now?
9. Mia folded a rectangular gift wrap in half horizontally. She punched one hole in the folded center. How many holes will be visible when she unfolds the gift wrap?
10. Lucas folded an invitation card in half vertically. He punched two holes in the folded card. How many holes will appear when he unfolds the card?
11. Alex is pretending to fix a big toy clock. The hour hand is pointing at 1. He turns the hour hand 3 hours counterclockwise. What number does the hour hand point to now? Write your answer and explain how you figured it out.

