

MK 4-POINTERS WORKBOOK

LV1-2

Spatial Imagination



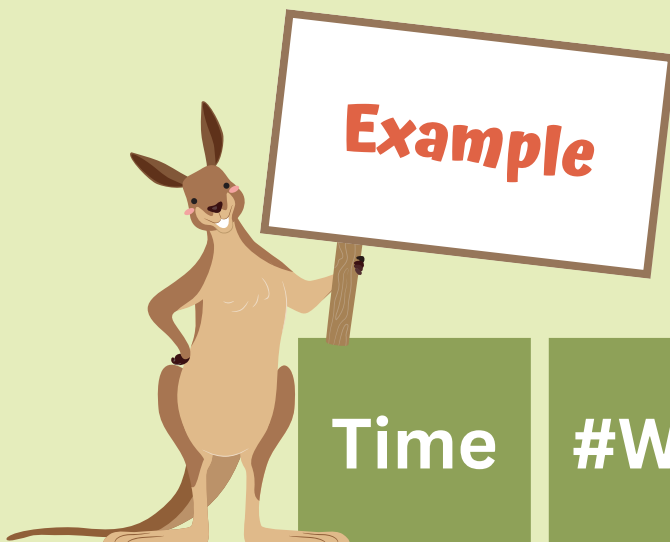


WORKBOOK GUIDELINE



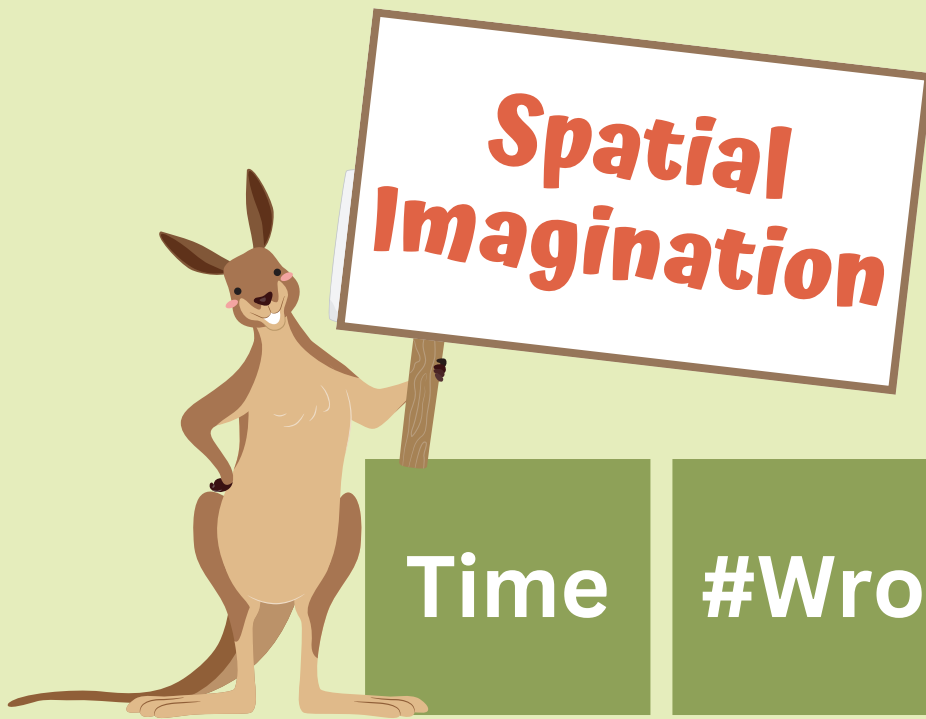
In the following week, you can use this workbook to understand this module better. If you make a mistake, please review your class notes or watch the playback!

- Each week will cover one topic
- Record your time and accuracy on the tracker
- Use stickers or stamps to record your progress



WEEK 0

	Time	#Wrong	Difficulty
Mon	30 min	2	★ ★ ★



WEEK 1

	Time	#Wrong	Difficulty ★ ★ ★
Mon			
Tue			
Wed			
Thu			
Fri			

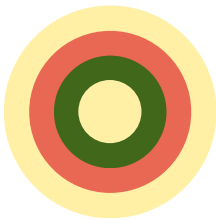
Three Views

Day 1

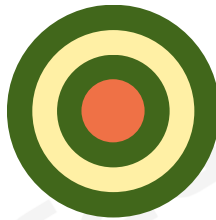
1. Which option shows the view from above this stack of discs?



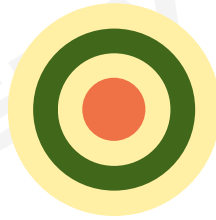
A.



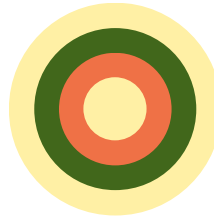
B.



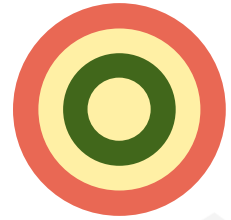
C.



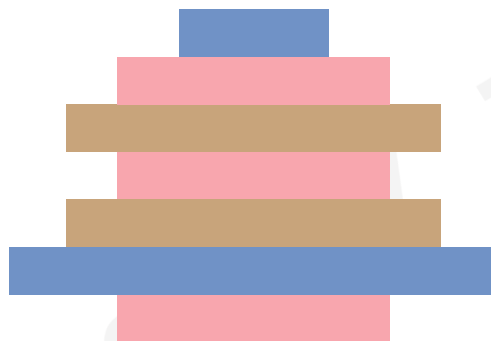
D.



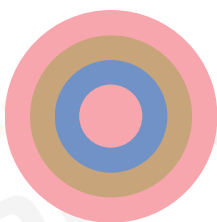
E.



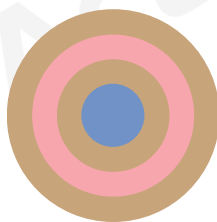
2. Which option shows the view from above this stack of discs?



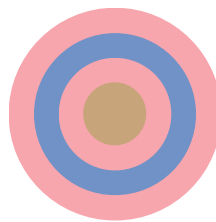
A.



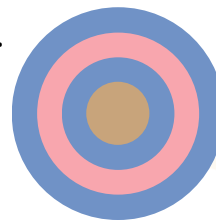
B.



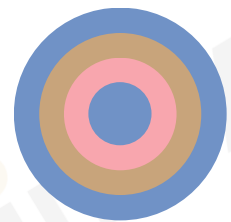
C.



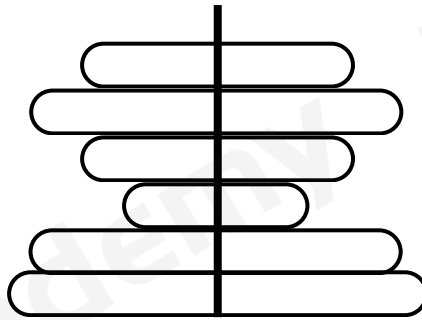
D.



E.

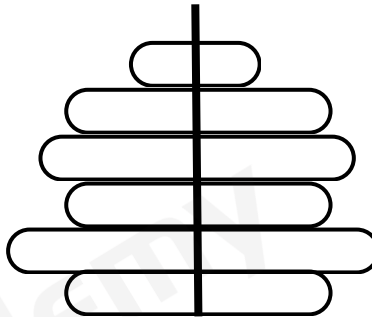


3. How many circles can you see from above?



- A. 5 B. 4 C. 3 D. 2 E. 1

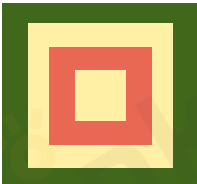
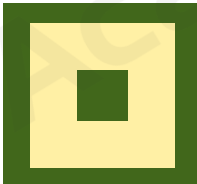
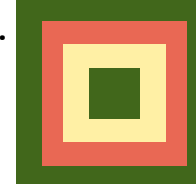
4. How many circles can you see from above?



- A. 5 B. 4 C. 3 D. 2 E. 1

5. Which option shows the view from above this stack of blocks?



- A.  B.  C.  D.  E. 

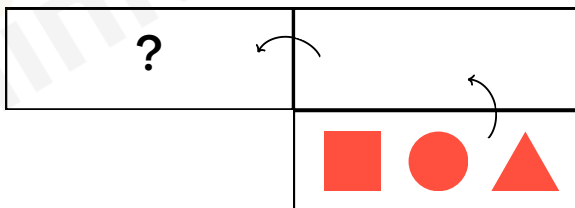
Flip

Day 2

1. This card is lying on the table.

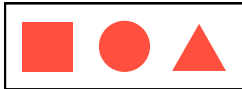


It is flipped over its top edge then flipped over its left edge, as shown in the picture.



What does the card look like after the two flips?

A.



B.



C.



D.



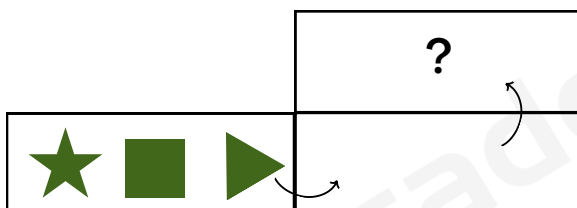
E.



2. This card is lying on the table.



It is flipped over its right edge then flipped over its top edge, as shown in the picture.



What does the card look like after the two flips?

A.



B.



C.



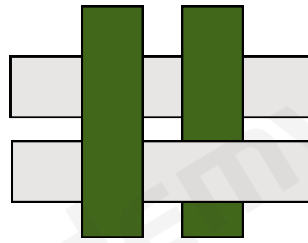
D.



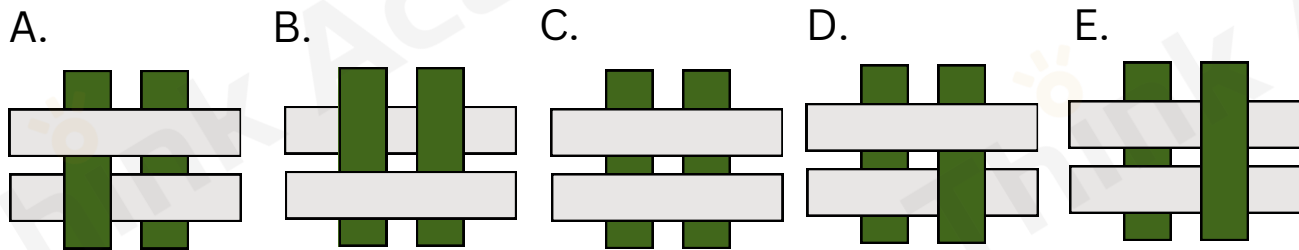
E.



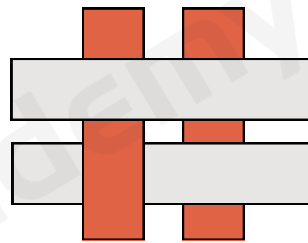
3. Four strips are woven into a pattern, as shown:



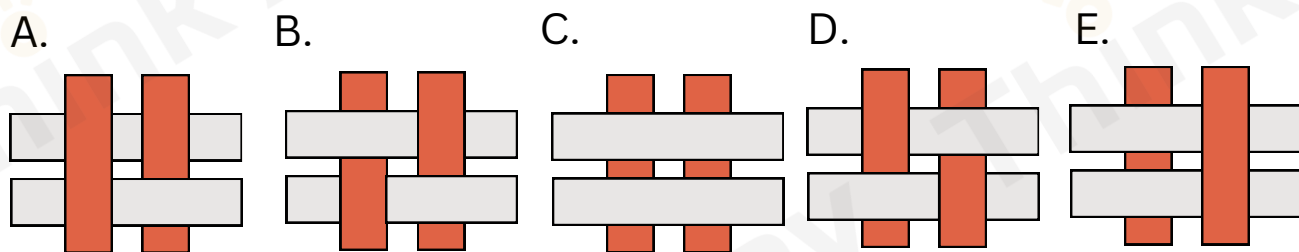
What do you see when you look at it from the other side?



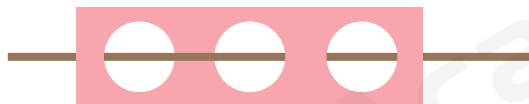
4. Four strips are woven into a pattern, as shown:



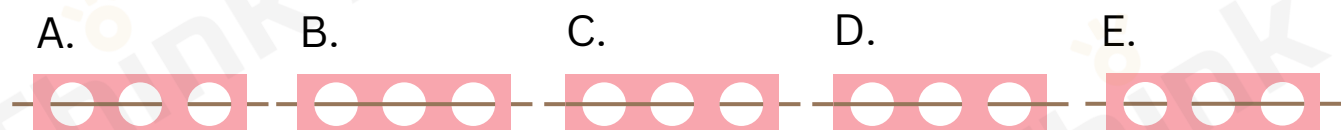
What do you see when you look at it from the other side?



5. A rope goes through three holes, as shown:



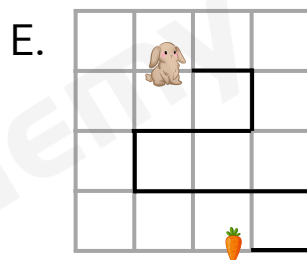
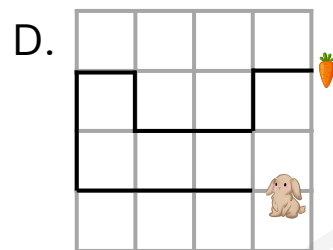
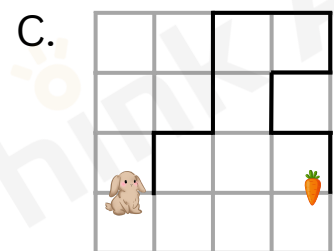
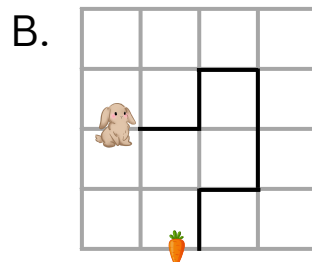
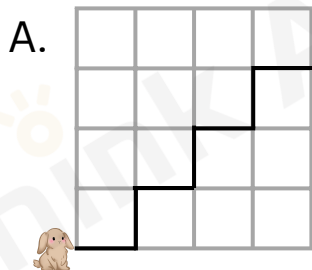
What do you see when you flip it from its left side?



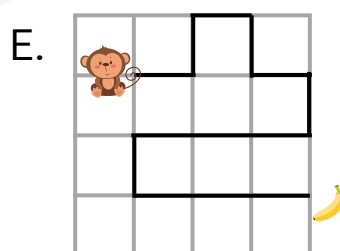
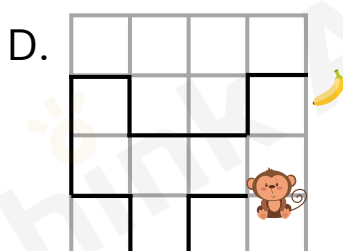
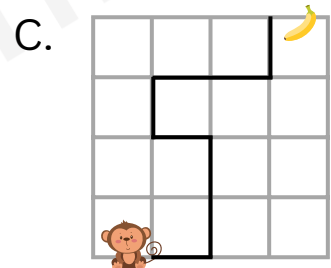
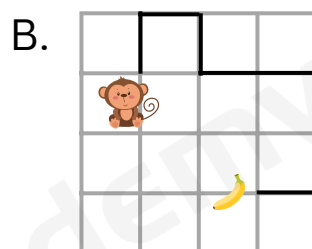
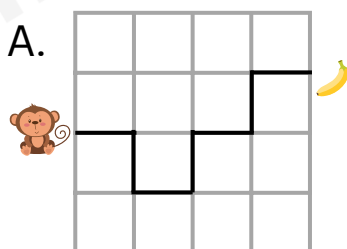
Path

Day 3

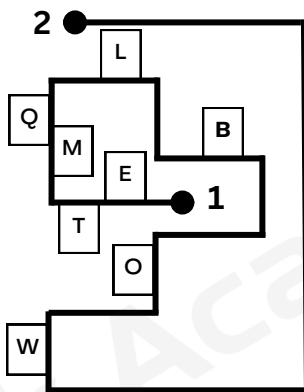
1. The bunny went to its food following a path, as shown. Along its journey, it had to make a total of 3 right turns and 3 left turns. Which path did the bunny follow?



2. The monkey went to its food following a path, as shown. Along its journey, it had to make a total of 2 right turns and 3 left turns. Which path did the monkey follow?



A.  B.  C.  D.  E. 



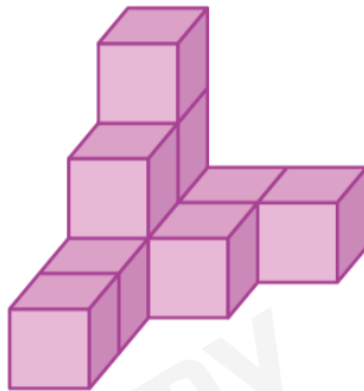
-
- The diagram shows a maze with two starting points, 1 and 2, and several letters in boxes. Starting point 1 is at the top left, with a path leading to boxes containing 'T' and 'U', and then to a box containing 'Q'. Starting point 2 is at the bottom left, with a path leading to boxes containing 'L', 'B', 'W', and 'A'.

- 
- Think Academy

Color Cubes

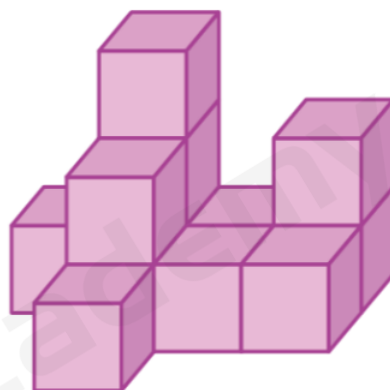
Day 4

1. Daniel glue the cubes shown below, and then he covered all of them with paint. How many squares did he paint?



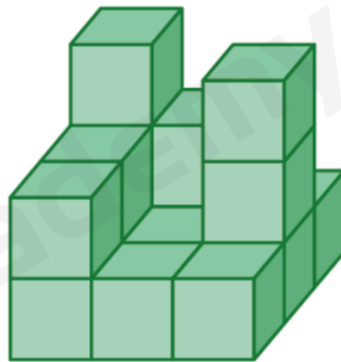
- A. 37 B. 38 C. 39 D. 40 E. 41

2. A student made the shape shown using 12 cubes. He put one drop of glue between any two cubes that share a common face. How many drops of glue did he use?



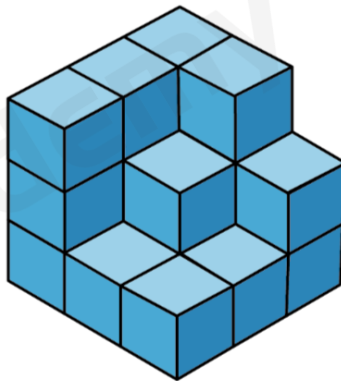
- A. 12 B. 13 C. 14 D. 15 E. 16

3. Sam glue the cubes shown below, and then he covered all of them with paint. How many squares did he paint?



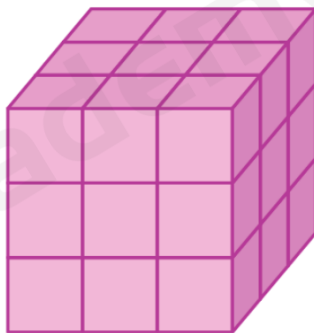
- A. 52 B. 50 C. 54 D. 48 E. 42

4. Evelyn glue the cubes shown below, and then she covered all of them with paint. How many squares did she paint?



- A. 45 B. 46 C. 48 D. 50 E. 52

5. Joy glue the cubes shown below, and then she covered all of them with paint. How many squares did she paint?

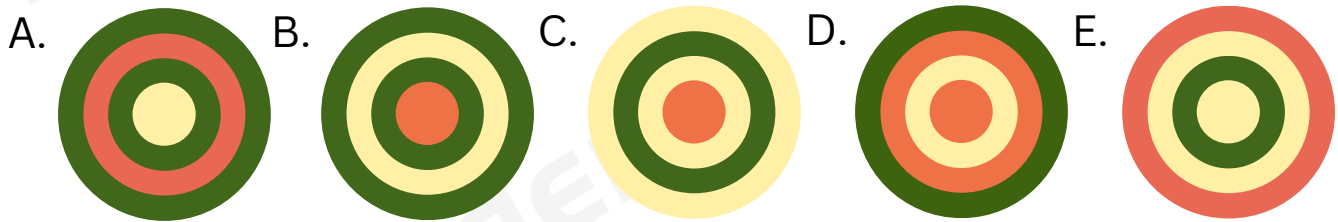


- A. 52 B. 54 C. 56 D. 58 E. 60

Week Review

Day 5

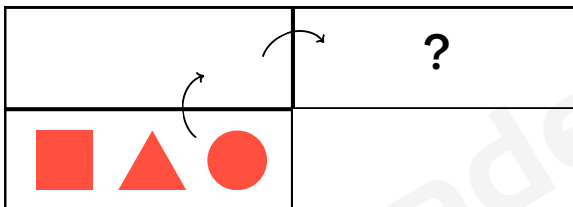
1. Which option shows the view from above this stack of discs?



2. This card is lying on the table.



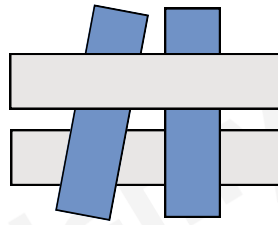
It is flipped over its top edge then flipped over its right edge, as shown in the picture.



What does the card look like after the two flips?

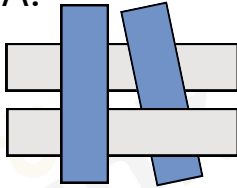


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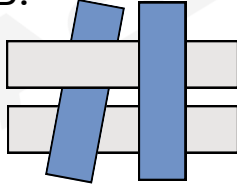


What do you see when you look at it from the other side?

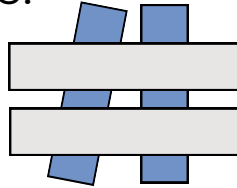
A.



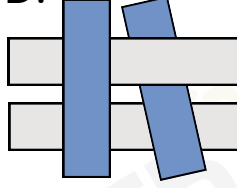
B.



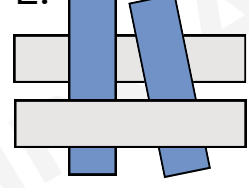
C.



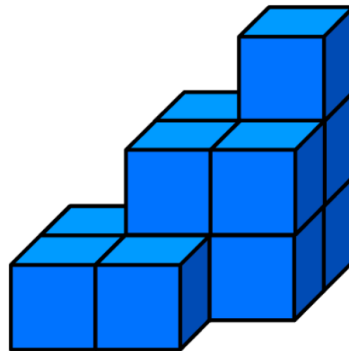
D.



E.



4. Samuel glue the cubes shown below, and then he covered all of them with paint. How many squares did he paint?



A. 32

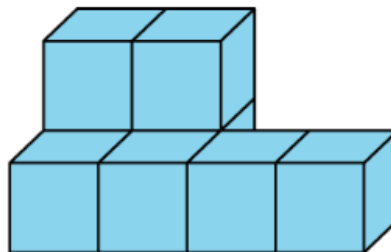
B. 34

C. 36

D. 38

E. 40

5. A student made the shape shown using 8 cubes. He put one drop of glue between any two cubes that share a common face. How many drops of glue did he use?



A. 7

B. 8

C. 9

D. 10

E. 11



**CONGRATULATIONS!
YOU FINISHED WEEK 1!**

Answers

Three Views - Day 1

CECBE

Color Code - Day 4

BCAEB

Flip - Day 2

CBAAD

Week Review Day 5

DCEDC

Path - Day 3

ACCED

MK 4-POINTERS WORKBOOK

LV1-2

Digital Logic



Scan to add MK Expert



WeChat

WhatsApp

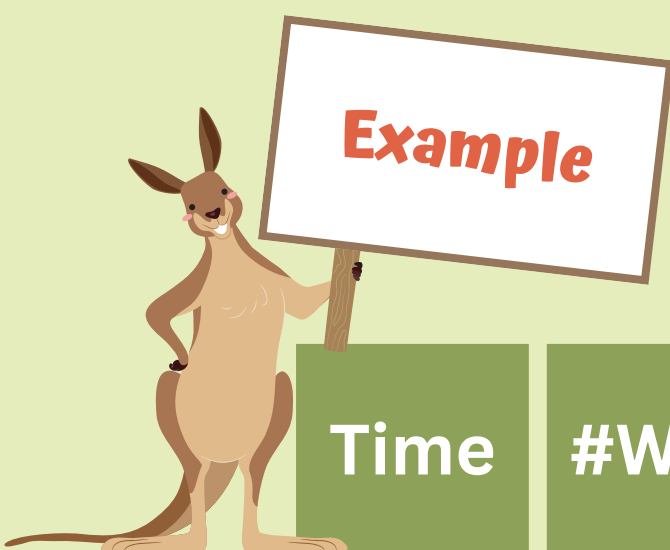


WORKBOOK GUIDELINE



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- Each week will cover one topic
- Record your time and accuracy on the tracker
- Use stickers or stamps to record your progress



WEEK 0

	Time	#Wrong	Difficulty
Mon	30 min	2	★ ★ ★



Digital Logic

WEEK 2

Time

#Wrong

Difficulty



Mon

Tue

Wed

Thu

Fri

Code

Day 1

1. Tom wrote various words in code in such a way that different digits represent different letters and the same digit represents the same letter. For example, the word BALL was coded as 3488. One of the words below was coded as 5277155. Which one?

A. *FREEDOM*

B. *SUCCESS*

C. *CONNECT*

D. *DISCUSS*

E. *MYSTERY*

2. Joy wrote various words in code in such a way that different letter represent different digits and the same letter represents the same digit. For example, the number 380 was coded as CAT. One of the numbers below was coded as RABBIT. Which one?

A. 685570

B. 785571

C. 686570

D. 668570

E. 785650

3. Jocelyn wrote down a number and then covered each digit with a shape. She covered different digits by different shapes, and the same digits by the same shape. Which number could be under the shapes shown below?



A. 72736

B. 62636

C. 32377

D. 73736

E. 76726

4. The ancient Romans used Roman numerals. We still use them today. Here are some examples: I=1, II=2, V=5, IX=9, X=10, XI=11, XX=20. This year (2024) we celebrate Math Kangaroo number XXII. What year was Math Kangaroo number XIII?

- A. 2014 B. 2015 C. 2016 D. 2017 E. 2018

5. Jane wrote down a word and then covered each letter with a food. She covered different letters by different food, and the same letters by the same food. Which word could be under the food shown below?



- A. *YELLOW* B. *BREEZE* C. *LITTLE* D. *SPIRIT* E. *WINDOW*

Balance

Day 2

1. How many pears weigh as much as one apple?



A. 1

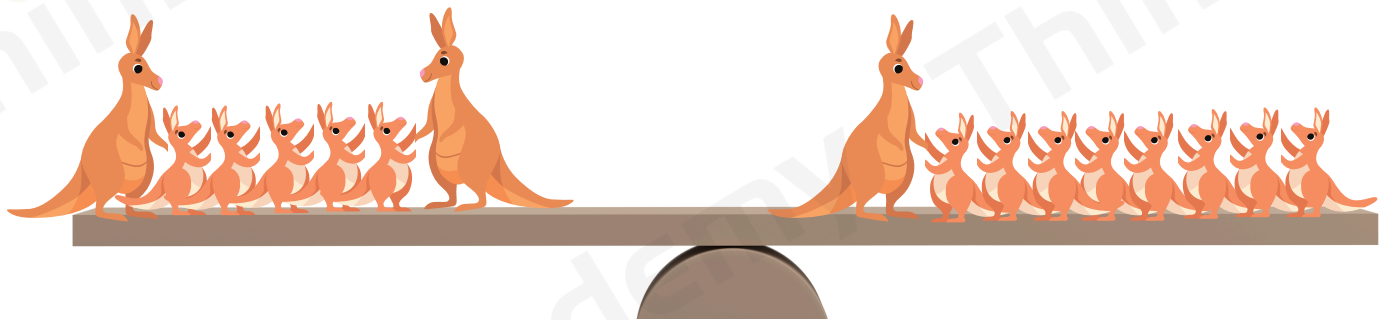
B. 2

C. 3

D. 4

E. 5

2. How many baby kangaroos weigh as much as one mom kangaroo?



A. 1

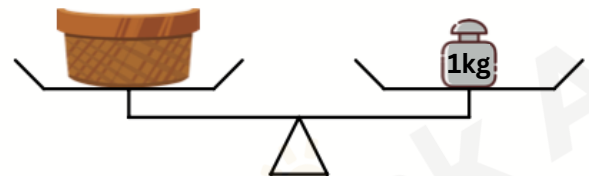
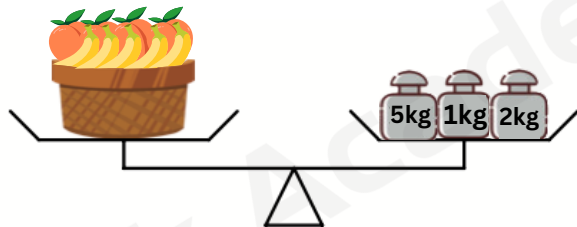
B. 2

C. 3

D. 4

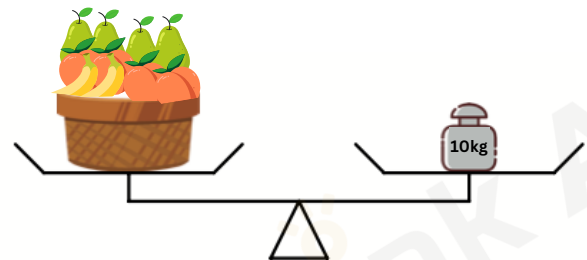
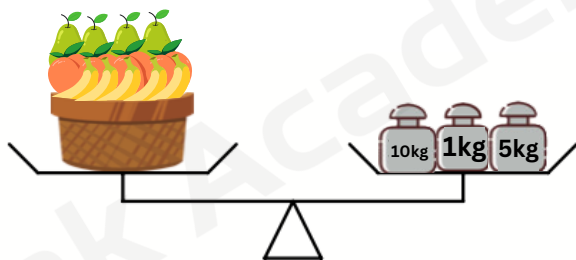
E. 5

3. There are three weights, one weighing 1 kg, one weighing 2 kg, and one weighing 5 kg, on the scales on the left in the picture. There is only one weight of 1 kg on the scales on the right in the picture. What is the weight of the fruit in the basket?



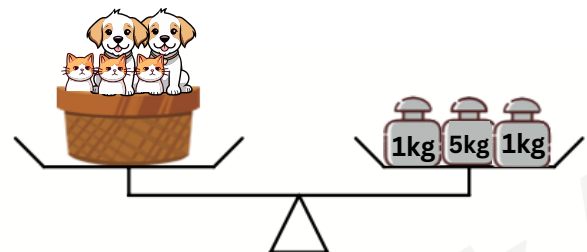
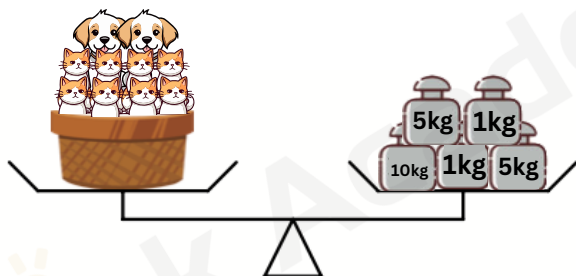
- A. 7 B. 6 C. 5 D. 4 E. 3

4. There are three weights, one weighing 1 kg, one weighing 5 kg, and one weighing 10 kg, on the scales on the left in the picture. There is one weight of 10 kg on the scales on the right in the picture. What is the weight of one banana?



- A. 6 B. 5 C. 4 D. 3 E. 2

5. There are 5 weights, weighing 1 kg, 5 kg, and 10 kg respectively as shown below. What is the weight of a cat?



- A. 2 B. 3 C. 4 D. 5 E. 6

Operations without numbers

Day 3 & Day 4

1. In the country of Jewelries you can trade six sapphires for two rubies. For one sapphire you can get four flowers. How many flowers can you get for one ruby?



- A. 11 B. 12 C. 13 D. 14 E. 15

2. In the wizard house you can trade five portions for one broom. For one portion you can get three coins. How many coins can you get for one broom?



- A. 11 B. 12 C. 13 D. 14 E. 15

3. The two tokens with the question mark have the same number. What is each missing number so that the sum is 14?

$$\bigcirc ? \bigcirc + \bigcirc ? \bigcirc + \bigcirc 2 \bigcirc = 14$$

- A. 6 B. 5 C. 4 D. 3 E. 2

4. Anna performed two operations. She put stickers over some of the numbers (the same stickers over the same numbers).

$$17 - 8 = \text{tiger sticker}$$

$$55 + \text{tiger sticker} = \text{elephant sticker}$$

What number can be found under the elephant sticker?

- A. 60 B. 62 C. 64 D. 66 E. 68

5. Jason performed two operations. He put stickers over some of the numbers (the same stickers over the same numbers).

$$23 - \text{burger sticker} = 16$$

$$12 + \text{burger sticker} = \text{fries sticker}$$

What number can be found under the fries sticker?

- A. 16 B. 17 C. 18 D. 19 E. 20

--- Take a rest! ---

6. In the picture, each candy stands for a different number.

Which number should be written in place of the question mark?

$$\begin{array}{r} \text{+} \\ \hline \text{pink candy} + \text{pink candy} + \text{pink candy} = 24 \\ + \\ \text{yellow candy} + \text{blue candy} + \text{green candy} \\ \hline \text{yellow candy} + \text{green candy} + \text{green candy} = ? \\ \hline 18 \qquad 14 \end{array}$$

- A. 9 B. 10
C. 11 D. 12
E. 13

7. In the picture, each animal stands for a different number.

Which number should be written in place of the question mark?

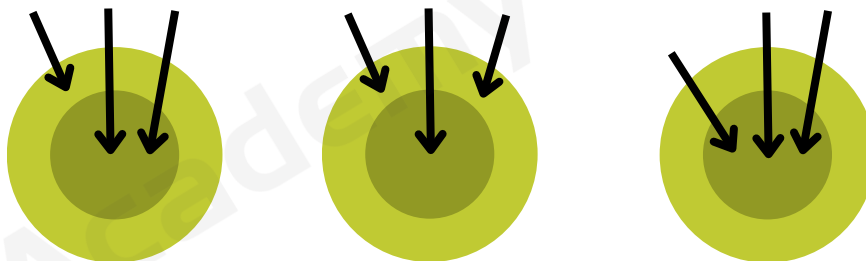
$$\begin{array}{r} \text{+} \\ \hline \text{cat} + \text{dog} + \text{dog} = 12 \\ + \\ \text{cat} + \text{dog} + \text{mouse} \\ \hline \text{cat} + \text{mouse} + \text{cow} = ? \\ \hline 6 \qquad 16 \end{array}$$

- A. 12 B. 13
C. 14 D. 15
E. 16

8. In the picture, each candy stands for a different number. Which number should be written in place of the question mark?

	+				
				13	A. 15
				12	B. 16
-				?	C. 17
	1			E. 19	D. 18

9. On her first turn, Jane got 5 points with three arrows on the target, as shown in the left part of the picture. On her second turn, she got 4 points, as shown in the middle picture. How many points did she get on her third turn?



- A. 5 B. 6 C. 7 D. 8 E. 9

10. On his first turn, Jake got 15 points with three arrows on the target (left). On his second turn, he got 11 points (middle). How many points did he get on his third turn (right)?



- A. 11 B. 12 C. 13 D. 14 E. 15

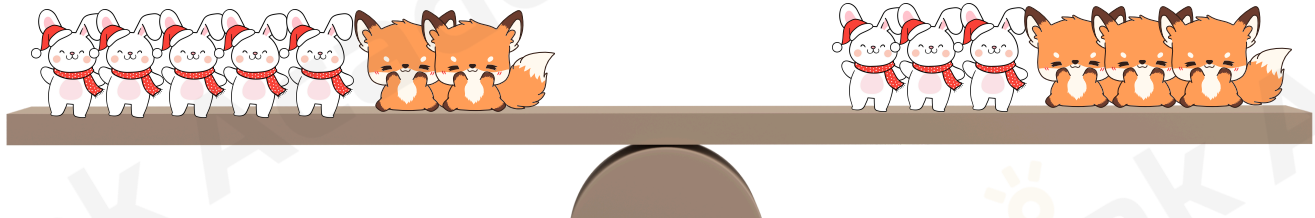
Week Review

1. Kim wrote down a number and then covered each digit with a snack. She covered different digits by different fruit, and the same digits by the same fruit. Which number could be under the candies shown below?



- A. 12312 B. 12321 C. 32132 D. 13232 E. 12123

2. How many bunnies weigh as much as one fox?



- A. 1 B. 2 C. 3 D. 4 E. 5

3. Joanna performed three operations. She put stickers over some of the numbers (the same stickers over the same numbers).

$$14 - 8 = \text{tiger sticker}$$

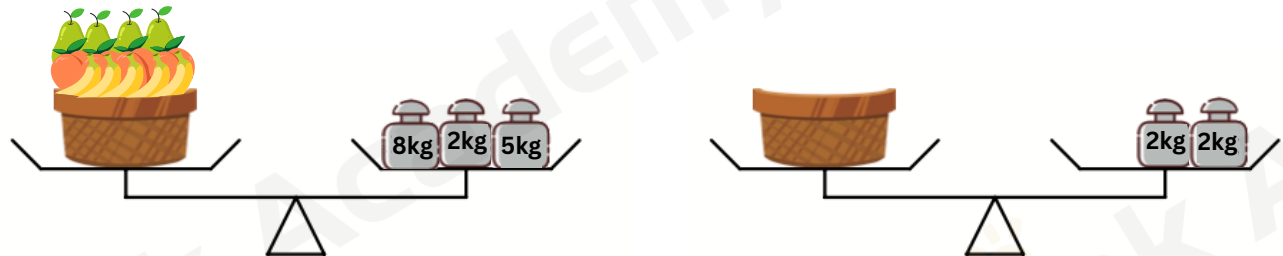
$$32 + \text{pot sticker} = \text{elephant sticker}$$

$$\text{pot sticker} + \text{tiger sticker} = 10$$

What number can be found under the elephant sticker?

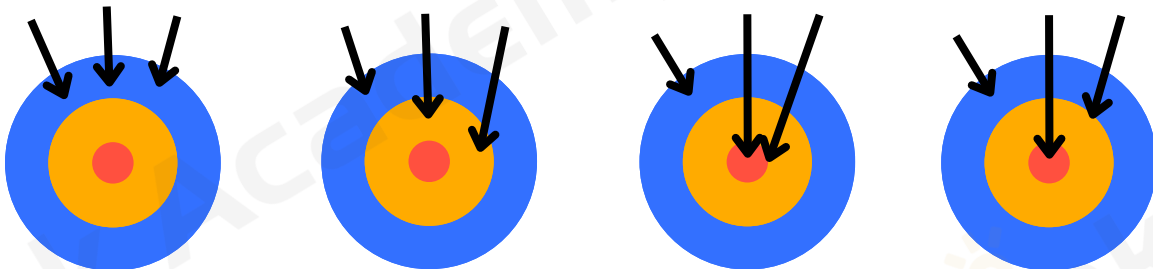
- A. 32 B. 34 C. 36 D. 38 E. 40

4. There are three weights, one weighing 2 kg, one weighing 5 kg, and one weighing 8 kg, on the scales on the left in the picture. There are 2 weight of 2 kg on the scales on the right in the picture. What is the weight of the fruit in the basket?



- A. 11 B. 12 C. 13 D. 14 E. 15

5. On her first turn, Rita got 15 points with three arrows on the target. On her second turn, she got 17 points. On her third turn, she got 19 points. How many points did she get on her fourth turn?



- A. 10 B. 12 C. 14 D. 16 E. 18



**CONGRATULATIONS!
YOU FINISHED WEEK 2!**

Answers

Code - Day 1

BAABC

Balance - Day 2

BCAEB

Operations without Numbers - Day 3 & Day 4

BEACD CBABC

Week Review Day 5

BBCAE

MK 4-POINTERS WORKBOOK

LV1-2

Word Problems



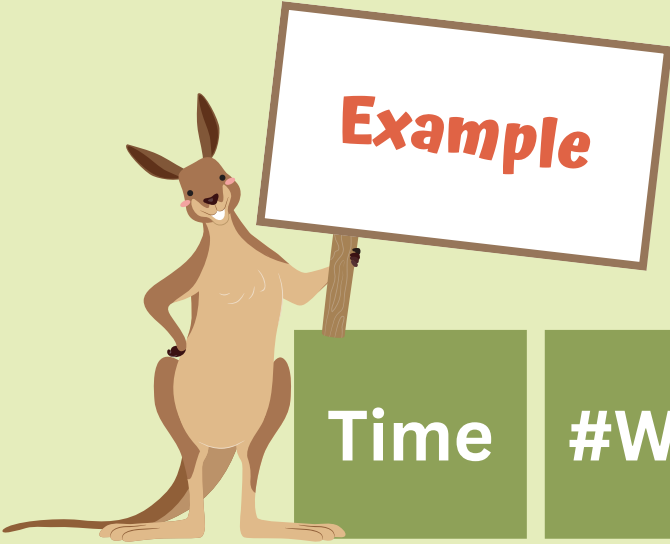


WORKBOOK GUIDELINE



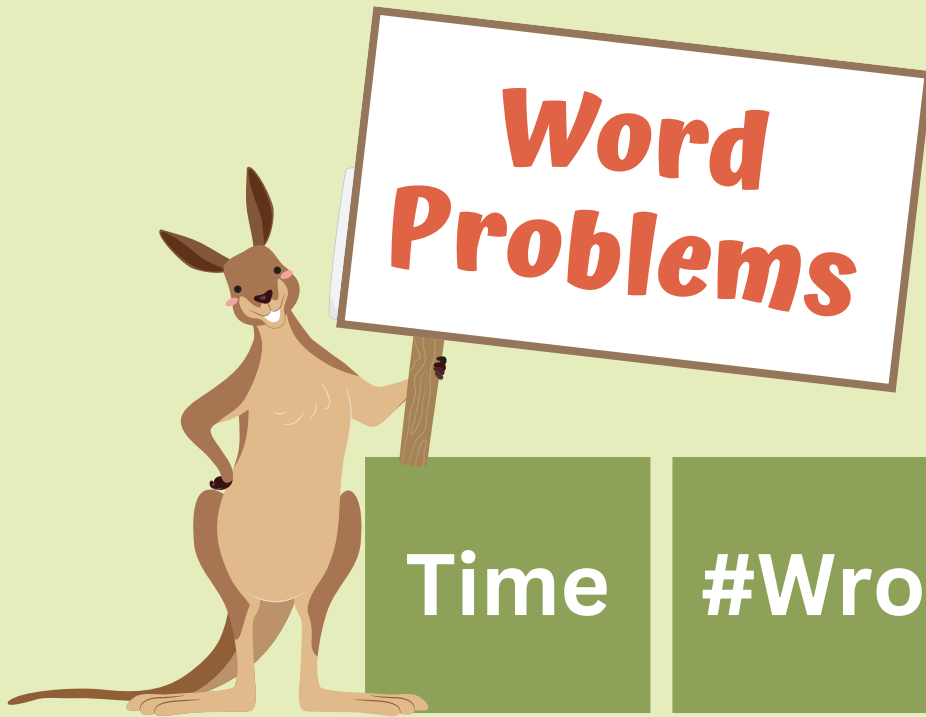
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- Each week will cover one topic
- Record your time and accuracy on the tracker
- Use stickers or stamps to record your progress



WEEK 0

	Time	#Wrong	Difficulty
Mon	30 min	2	★ ★ ★



WEEK 3

	Time	#Wrong	Difficulty ★ ★ ★
Mon			
Tue			
Wed			
Thu			
Fri			

Lining Up

Day 1 & Day 2

1. At the entrance of the zoo, there are 14 children in line. Andy is the 3rd from the front and Tom is the 5th from the back. How many children are there between Andy and Tom in the line?

- A. 2 B. 3 C. 4 D. 5 E. 6

2. Aidan and Daniel are standing in line. Aidan knows that there are 7 people in front of him. Daniel knows that there is a total of 16 people in the line. If Aidan is just in front of Daniel, how many of the people in the line are behind Daniel?

- A. 7 B. 8 C. 9 D. 10 E. 11

3. Now, Lucas is sitting on the school bus. The bus is currently in a traffic jam. Many cars and buses are waiting in a line. Counting from the front of the line, the school bus is in the 4th place. Counting from the back, it is in the 9th place. In total, how many vehicles are there on this road?

- A. 11 B. 12 C. 13 D. 14 E. 15

4. At the counter, there are 21 customers. Annie is the 9th from the front and Kira is the 5th from the back. How many children are there between Annie and Kira in the line?

- A. 5 B. 6 C. 7 D. 8 E. 9

5. Julie is on the way back home. As she is waiting in line to get on the bus, there are 7 people in front of her, and 5 people behind her. In total, how many people are there in the line?

- A. 10 B. 11 C. 12 D. 13 E. 14

----- Take a rest! -----

6. Anna is lining up to get some ice-cream. Counting from the front, she is the 4th in the line. Counting from the back, she is the 7th. How many people are there lining up?

- A. 9 B. 10 C. 11 D. 12 E. 13

7. Maddy and Cassie are standing in a line. There are 2 people in front of Maddy, and 6 people behind Cassie. Cassie is right behind Maddy (no one is between them). How many people are there in the line in total?

- A. 10 B. 11 C. 12 D. 13 E. 14

8. Zoe and Elena are waiting in line to buy movie tickets. In front of Zoe, there are 18 people. Behind Elena, there are 6 people. Elena is behind Zoe, and there are 2 people between them. How many people are there in the line?

- A. 26 B. 27 C. 28 D. 29 E. 30

9. The clowns at a circus are standing one behind another.

John said to George, who is standing right behind him,

"Behind me, 14 coworkers are standing."

George answered, "In front of me, only 5 coworkers are standing."

How many clowns are standing in line?

A. 22

B. 21

C. 20

D. 19

E. 18

10. Amy and Julia are waiting in line to buy donuts. Amy said to Julia, who is standing right in front of her,

"In front of me, there are 16 people waiting."

Julia answered, "Behind me, only 4 people are waiting."

How many people are standing in line for donuts?

A. 20

B. 21

C. 22

D. 23

E. 24

Time

Day 3

1. Math workshop starts at 6:00 PM. Today Austin was 15 minutes late to the workshop. What time did Austin come?

A. 6:15 PM B. 6:10 PM C. 6:05 PM D. 5:55 PM E. 5:45 PM

2. Jack, John and Joann have a meeting at 11:30 AM. Jack's walk takes 20 minutes, John's a quarter of an hour, and Joann's 50 minutes. At what time must the person who needs the longest time to get to the meeting leave the house?

A. 11:20 AM B. 11:15 AM C. 10:40 AM D. 10:45 PM E. 10:50 PM

3. Zaza was going to meet friends at 7:20 in a restaurant. The trip was 50 minutes. What was the latest time for Zaza to leave home?

A. 6:20 B. 6:30 C. 6:10 D. 6:40 E. 6:50

4. The picture below shows part of a train schedule. Right now, it's 8:45. Dr. Ramenton will go from Foodola Town to Seafoodola Town on the next train. The trip will take 1 hours and 15 minutes. What time will Dr. Ramenton arrive in Seafoodola Town?

Foodola Town-Departures					
SeaFoodola Town	6:55	8:30	9:15	11:15	12:50

A. 10:00 B. 10:10 C. 10:20 D. 10:30 E. 10:45

5. The picture below shows the bus departure time. Right now, it is 7: 10. Anto will go from City A to City B on the next bus. The trip will take 1 hour and 45 minutes.



Think Bus Ticket					
City A - Departures			T00000888888		
To City B	6:00	7:00	8:00	9:00	10:00

(1) What time will Anto departure from City A?

- A. 6:00 B. 7:00 C. 7:10 D. 8:00 E. 9:00

(2) What time will Anto arrive in City B?

- A. 8:45 B. 8:55 C. 9:30 D. 9:45 E. 10:45

Interval

Day 4

1. Jocelyn lives on the second floor, and Eleanor lives in the same building but has to walk up three times as many stairs as Jocelyn. There are no stairs to the entrance of the building. On which floor does Eleanor live?

- A. 6 B. 5 C. 4 D. 3 E. 2

2. Katty is going upstairs. It takes her 1 minute to climb a floor. How many minutes does Katty need to walk from the 3rd floor to the 12th floor?

- A. 8 B. 9 C. 10 D. 11 E. 12

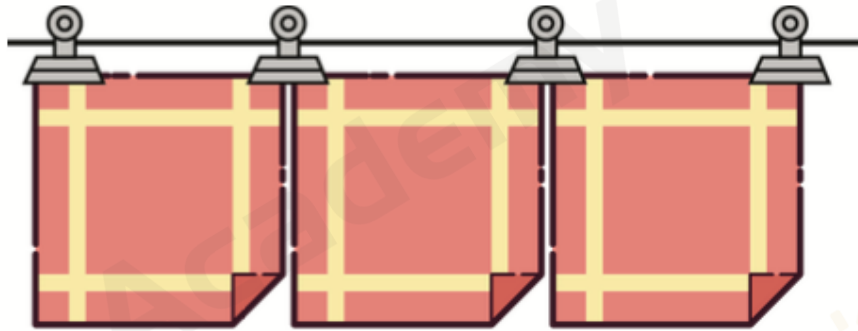
3. There are 13 flags on a straight race track. The first flag is at the start, and the last flag is at the finish. The distance between each flag is 5 meters. How long is the track?

- A. 55 B. 60 C. 65 D. 70 E. 75

4. There are 12 trees along one side of a straight road. The first tree is at the start, and the last tree is at the end of the road. The distance between each tree is 6 meters. How long is the road?

- A. 50 B. 56 C. 60 D. 66 E. 73

5. How many clothes-pins does Cathy need to dry 13 handkerchiefs in the same way as shown below?



A. 12

B. 13

C. 28

D. 14

E. 26

Week Review

Day 5

1. Eddie is waiting in a line in the bank. Counting from the front of the line, he is in the 9th place. Counting from the back, he is in the 13rd place. In total, how many people are there in this line?

- A. 20 B. 21 C. 22 D. 23 E. 24

2. Dylan and Eva are standing in a line. There are 3 people in front of Dylan, and 16 people behind Eva. Eva is right behind Dylan (no one is between them). How many people are there in the line in total?

- A. 19 B. 20 C. 21 D. 22 E. 23

3. Candy is on her way to school. As she is waiting in line to get on the bus, there are 10 people in front of her and 3 people behind her. In total, how many people are there in the line?

- A. 10 B. 11 C. 12 D. 13 E. 14

4. Bobby was going to meet friends at 9:45. The trip was 50 minutes. What was the latest time for Bobby to leave home?

- A. 8:55 B. 8:45 C. 9:00 D. 8:30 E. 8:35

5. Lucy is going upstairs. It takes her 1 minute to climb a floor. How many minutes does Lucy need to walk from the 5th floor to the 11th floor?

- A. 10 B. 9 C. 8 D. 7 E. 6



**CONGRATULATIONS!
YOU FINISHED WEEK 3!**

Lining Up - Day 1&2

EABCD BACDA

Time - Day 3

ACBD[DD]

Interval - Day 4

CBBDD

Week Review - Day 5

BCEAE

Answers

MK 4-POINTERS WORKBOOK

LV1-2

Logical Reasoning



Scan to add MK Expert



WeChat

WhatsApp

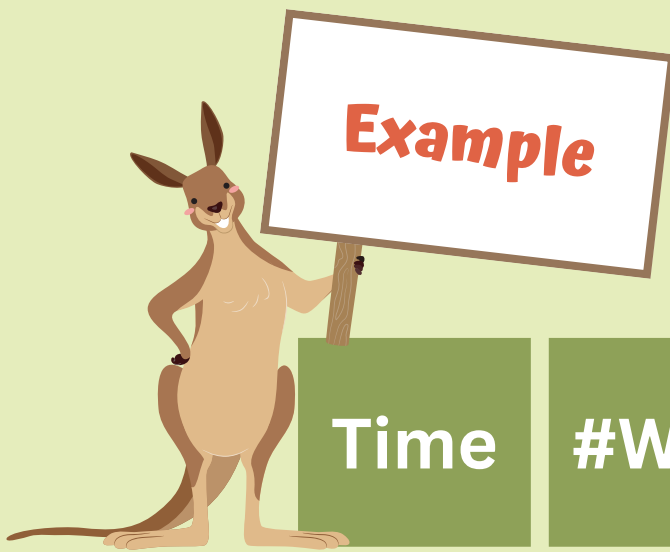


WORKBOOK GUIDELINE



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- Each week will cover one topic
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WEEK 0

	Time	#Wrong	Difficulty
Mon	30 min	2	★ ★ ★



Logical Reasoning

WEEK 4

Time

#Wrong

Difficulty



Mon

Tue

Wed

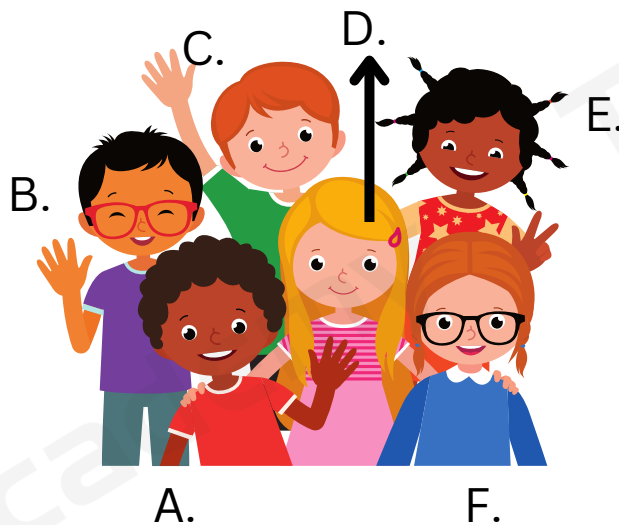
Thu

Fri

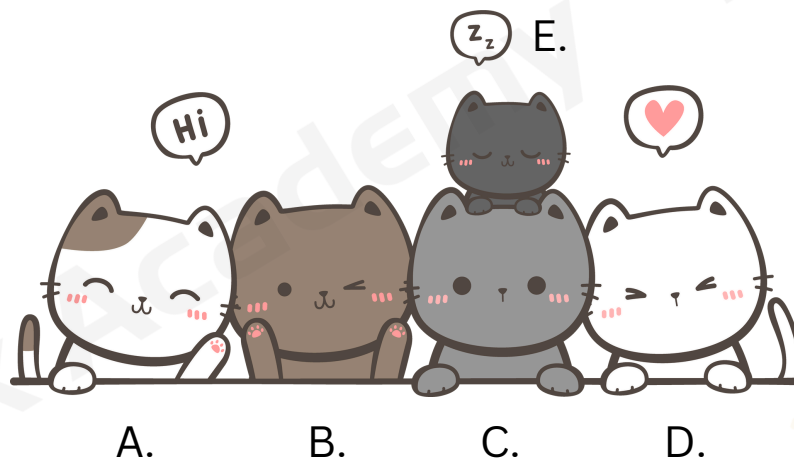
Coinditional Logical Reasoning

Day 1

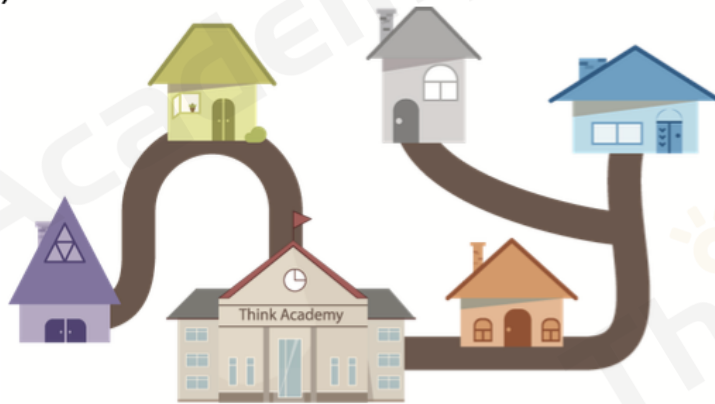
1. Bill wears green T-shirt; Linda has blonde hair; Ray wears ; Tim gave Rayna ; Gina has  on her shirt. Which one is Tim?



2. There are 5 cats: Kaka, Kiki, Coco, Cici and Titi. Kaka is saying "Hi"; Kiki wants to show love; Coco is waving both hands; Cici is sleeping on the head of Titi. Which cat has the name Titi?

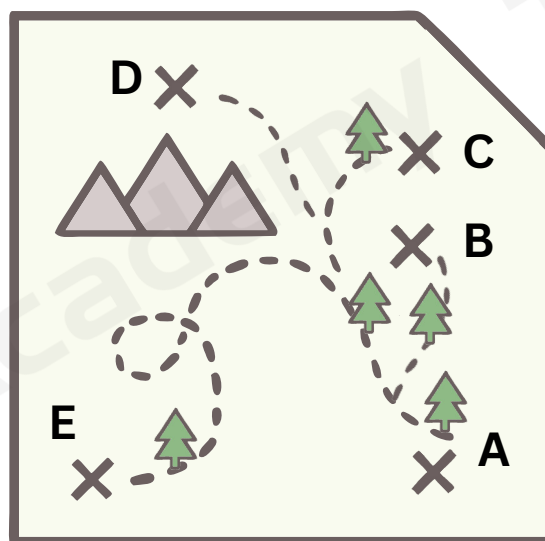


3. The picture shows the five houses of five friends and their school. The school is the largest building in the picture. To go to school, Aiden and Margaret walk past Zoe's house. Judy walks past Audrey's house. Which is Zoe's house?



- A.  B.  C.  D.  E. 

4. Here is a treasure map by the pirates. In order to find the mysterious treasure box, one has to come across 3 trees on their way, and also pass by the mountain area. If we want to start from the red arrow to find the treasure, which "X" lies the treasure box?



5. One animal is sleeping in each of the baskets. The koala and the fox are sleeping in baskets with the same pattern and shape. The kangaroo and the ostrich have the same pattern on their baskets. Which basket is the puppy sleeping in?

A.



B.



C.



D.



E.



Comparison Logical Reasoning

Day 2

1. There are 5 children in a family. Betty is 3 years older than Bonnie, but 1 year younger than Jennie. Teddy is 2 years older than Bobbie. Bonnie and Bobbie are twins. Who of them is the eldest?



A. Betty B. Bobbie C. Jennie D. Bonnie E. Teddy

2. There are 5 children in a family. Peter is 5 years older than Andy, and 1 year older than Queenie. Jack is 2 years older than Queenie. Drake and Jack are twins. Who of them is the youngest?

A. Peter B. Queenie C. Andy D. Jack E. Drake

3. There are 5 children standing in a line. Teacher asks them to line up from the shortest to the tallest. Audrey is 2 cm taller than Zoe, but 3 cm shorter than Judy. Emily is 4 cm shorter than Judy, and Joann has the same height as Emily. Who is standing in the front of the line?

A. Emily B. Joann C. Audrey D. Zoe E. Judy

4. There are 5 children standing in a line. Teacher asks them to line up from the shortest to the tallest. Kate is 2 cm shorter than Nathan, but 5 cm taller than Aidan. Natalia is 8 cm shorter than Nathan, and Tiana has the same height as Aidan. Who is standing in the back of the line?

A. Tiana B. Natalia C. Kate D. Nathan E. Aidan

5. There are animals living in Think Apartment. Monkey is 4 floors higher than Bunny, but 2 floors lower than Piggie. Tiger and Mouse are on the same floor, and they are 4 floors lower than Piggie. Who lives on the lowest floor?

A. Bunny B. Piggie C. Monkey D. Mouse E. Tiger

Minimum

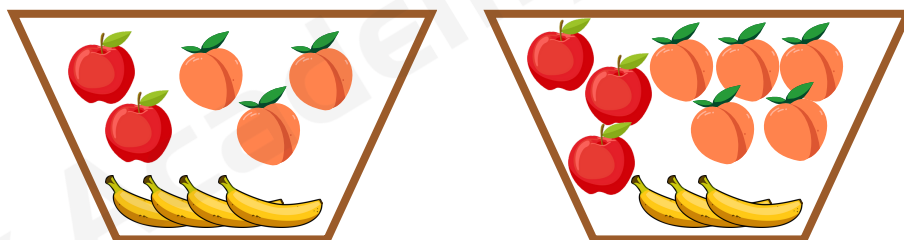
Day 3 & Day 4

1. Katherine has two pots with flowers, as shown. She keeps the flowers exactly where they are. She buys more flowers and puts them in the pots. After that, each pot has the same number of each type of flower. What is the smallest number of flowers she needs to buy?



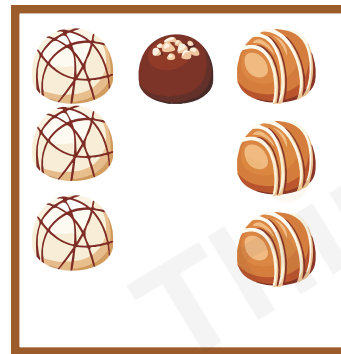
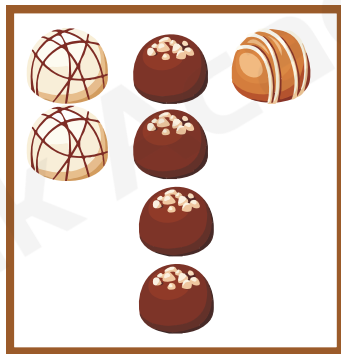
- A. 3 B. 4 C. 5 D. 6 E. 7

2. Diana has two baskets with fruits, as shown. She keeps the fruits exactly where they are. She buys more fruits and put them in the baskets. After that, each basket has the same number of each type of fruit. What is the smallest number of fruits she needs to buy?



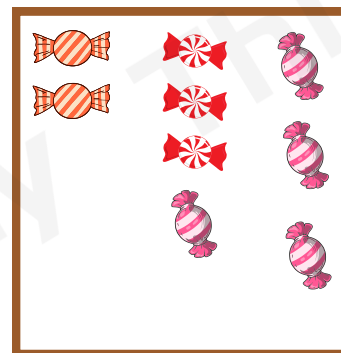
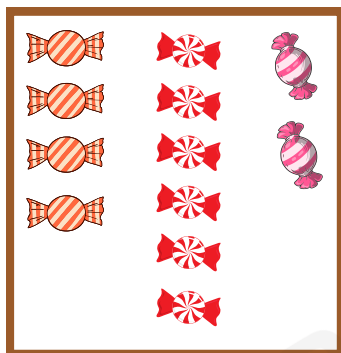
- A. 3 B. 4 C. 5 D. 6 E. 7

3. Nate has two boxes of chocolates, as shown. He keeps the chocolates exactly where they are. He buys more chocolates and puts them in the boxes. After that, each box has the same number of each type of chocolate. What is the smallest number of chocolates he needs to buy?



- A. 3 B. 4 C. 5 D. 6 E. 7

4. John has two boxes of candies, as shown. He keeps the candies exactly where they are. He buys more candies and puts them in the boxes. After that, each box has the same number of each type of candy. What's the smallest number of candies he needs to buy?



- A. 3 B. 4 C. 5 D. 6 E. 7

5. Albert has two shelves, as shown. He puts the notebooks exactly where they are. He buys more notebooks and puts them on the shelves. After that, each shelf has the same number of each type of notebooks. What is the smallest number of notebooks he needs to buy?



A. 3

B. 4

C. 5

D. 6

E. 7

----- Take a rest! -----

6. Each participant in a cooking contest baked one tray of cookies like the one shown.



What is the smallest number of trays of cookies needed to make the following plate?



A. 3

B. 4

C. 5

D. 6

E. 7

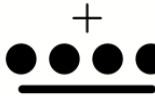
7. Each participant in a cooking contest baked one tray of cookies like the one shown.



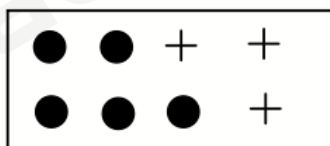
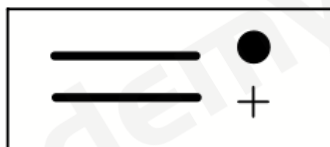
What is the smallest number of trays of cookies needed to make the following plates?



- A. 3 B. 4 C. 5 D. 6 E. 7

8. Kim is making crowns like this , using the following stickers: +, ● and .

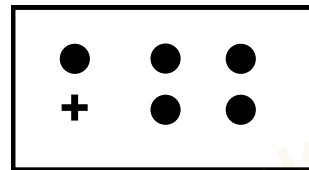
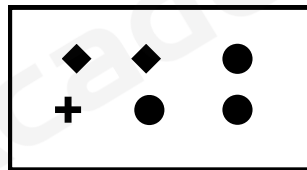
There are two types of sticker sheets, shown on the right. If she wants to make 4 crowns, what is the smallest number of sheets that she will use?



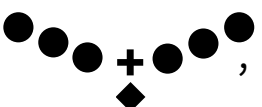
- A. 5 B. 6 C. 7 D. 8 E. 9

9. Jenny is making a necklace like this , using the following stickers: ●, + and ◆.

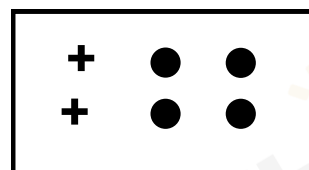
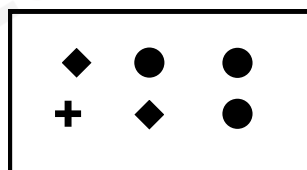
There are two types of sticker sheets, shown on the right. If she wants to make 3 necklaces, what is the smallest number of sheets that she will use?



- A. 5 B. 6 C. 7 D. 8 E. 9

10. Joy is making a necklace like this , using the following stickers: ●, + and ◆.

There are two types of sticker sheets, shown on the right. If she wants to make 4 necklaces, what is the smallest number of sheets that she will use?



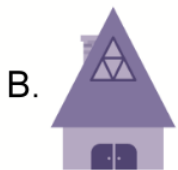
- A. 9 B. 8 C. 4 D. 6 E. 7

Week Review

Day 5

1. The picture shows a community of 12 houses. The community is separated into 3 sections by the roads. Zoe was invited to her friend Margaret's house for the first time. Margaret wrote a note to Zoe:

"My house is in a section with 4 houses. Do you remember Justin's house, The purple one? My house is in front of his house." Can you help Zoe find her friend Margaret's house?



2. One animal is sleeping in each of the baskets. The bunny and the cat are sleeping in baskets with the same pattern and shape. The baby bear and the puppy have the same pattern on their baskets. Which basket is the baby monkey sleeping in?

A.



B.



C.



D.



E.



3. There are 5 children standing in a line. Teacher asks them to line up from the shortest to the tallest. Johnny is 2 cm taller than Mark, but 4 cm shorter than Aidan. Rita is 8 cm shorter than Aidan, and Diana has the same height as Rita. Who is standing in the back of the line?

A. Diana

B. Johnny

C. Aidan

D. Mark

E. Rita

4. There are 5 children in a family. Jimmy is 4 years older than Jamal, but 1 year Younger than Gina. Jack is 2 years younger than Tina. Gina and Tina are twins. Who of them is the youngest?

A. Jimmy

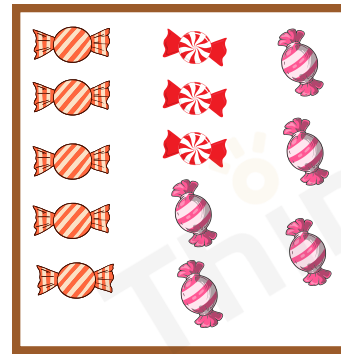
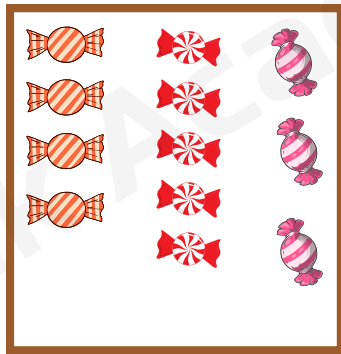
B. Tina

C. Gina

D. Jamal

E. Jack

5. Judith has two boxes of candies, as shown. She keeps the candies exactly where they are. She buys more candies and puts them in the boxes. After that, each box has the same number of each type of candy. What's the smallest number of candies she needs to buy?



A. 3

B. 4

C. 5

D. 6

E. 7



**CONGRATULATIONS!
YOU FINISHED WEEK 4!**

Answers

Conditional Logical Reasoning - Day 1

ACDEA

Comparison Logical Reasoning - Day 2

CCDDA

Minimum - Day 3&4

ABDEB BCAAE

Week Review - Day 5

ABCDC