Think Academy US Online

SCAN ME

https://www.thethinkacademy.com/

Think Academy US ONLINE

Pre-K & Lower Elementary Math Program

Think Academy Pre-K and Lower Elementary Math Program is designed for ages **3–8**, offering a structured, year-round learning path based on North American standards. It builds **seven core abilities**—calculation, logic, spatial sense, measurement and data, creativity, expression, and critical thinking—to form a solid foundation for future STEM success.

The long-term program includes Honors and Challenge tracks tailored to each child’ s math level. **Both follow the same framework** to strengthen **thinking skills** from PreK–G2. The Challenge track **adds competition training** for a smooth transition to upper-elementary math contests.

PreK：The Pre-K course has no level divisions. Before entering Kindergarten, students take placement assessments; combined with classroom performance and learning goals, this determines the most suitable course level.

Honors：Focuses on developing seven core abilities, fostering interest and confidence in math, and building potential for advanced study and future competitions.

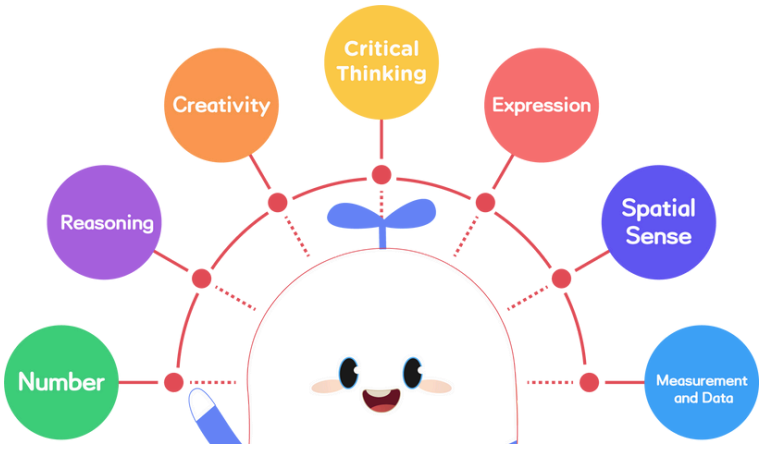
Challenge：Builds on the Honors curriculum with competition-focused enrichment aligned to the Math Kangaroo, encouraging children to explore and achieve in math contests from an early age.

幼小阶段学习规划				
班级	Pre-K	K	G1	G2
Honors 超前一年，稳固全A，直通顶班	Pre-K Think Ability	K Honors	G1 Honors	G2 Honors
Challenge 竞赛启蒙，加速两年，AP满贯		K Challenge	G1 Challenge	G2 Challenge
Competition 竞赛奠基，名师指导，晋级奥赛				G2 Pre-ACE

What Are the Seven Core Abilities?

3 Comprehensive Output Skills – Apply What You Learn

4 Core Math Skills – Spark Interest in Learning



- Ages 3–8 are the key period for developing children's thinking skills
- Through scenario-based learning, we protect curiosity
- Enhance the joy of exploration, and help children build and strengthen their thinking frameworks
- Cultivating active thinking and lifelong learning ability

PreK-G2	G3-G5	G6-G8	G9-G12
Creativity	Complex Problem-Solving Ability Accelerated School Progress Competition Enrichment		
Critical Thinking			
Expression			
Reasoning	Word Problems		
Spatial Sense	Elementary Geometry	Introductory Algebra	Advanced Functions
Measurement and Data	Statistics and Graphs	Plane Geometry	High School Geometry
Number	Calculation and Smart Strategies	Science Courses	AP Science

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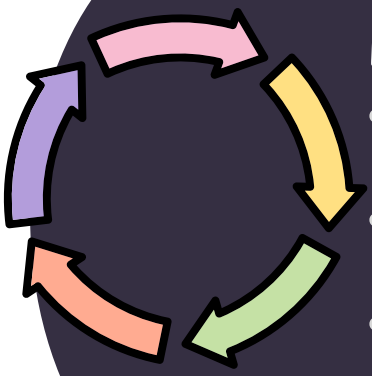
Course Highlights

Clear Structure, Worry-Free for Parents

Personalized Learning Plans with Full Progress Tracking

- **Before Enrollment:** Teachers create **personalized study plans** based on each student’ s goals and ability
- **During Learning:** Teachers give **regular feedback and targeted advice**, helping parents track progress
- **Mid-Term & Final Evaluations**: **Parent meetings** and updated study plans ensure steady improvement



Weekly Learning Cycle to Ensure Steady Progress

- **Pre-Class Preparation: 15-minute preview** to review key concepts and prepare for new lessons
- **Homework: Assigned after each class**, with teacher feedback shared with parents
- **Office Hour: Free live sessions** to review and clarify difficult problems
- **Homework Review Videos:** Each homework question includes a **detailed video explanation** for easy review

Year-Round Learning Support

- **Year-round Parent App service** providing fast responses
- Through the Parent App, parents get **direct contact with teachers** for efficient communication and real-time progress updates
- Instant online homework help for **timely learning support**

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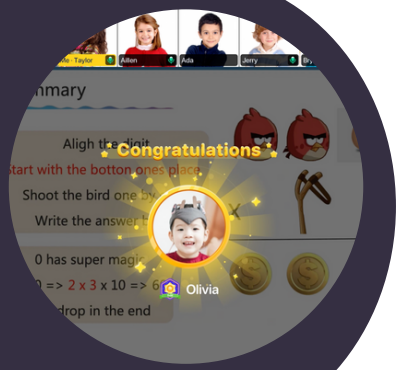
Course Highlights

Happy Learning, Better Results

Thoughtfully Crafted Lessons Inspire a Love for Math

- **Interactive games and scenario-based teaching** make math fun and engaging
- **Gold coin reward system** lets students exchange coins for prizes, motivating them to complete learning tasks actively



Self-Developed Learning App Enhances Every Online Class

- **Think Academy learning app** enhances in-class interaction with hand-raising, polls, and group activities —**keeping students engaged every three minutes**
- Teachers **track progress in real time** for an effective learning experience

A Sense of Achievement Builds Intrinsic Motivation

- Students learn efficiently in class and get **full after-class support** with detailed homework videos and free weekly Office Hours.
- Students **gain higher grades, faster progress**. They are naturally motivated to put more effort in STEM learning and become **confident math learners**

CONTENTS

What is Think Academy? 1

Day 1 6

Day 2 17

Day 3 27

Day 4 33

Day 5 36

Day 6 39

Answers 45

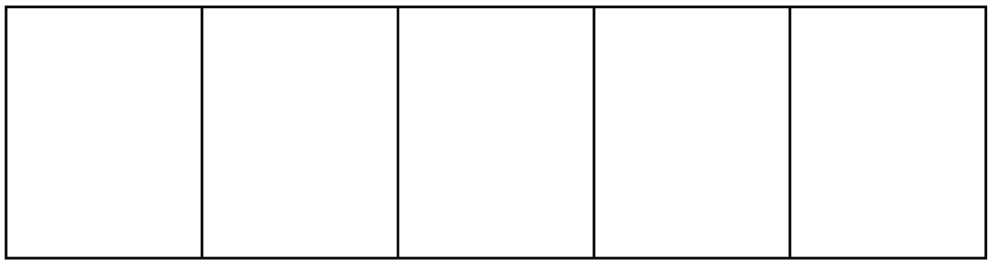
10 10 10 10 10

Color the number word.

TEN

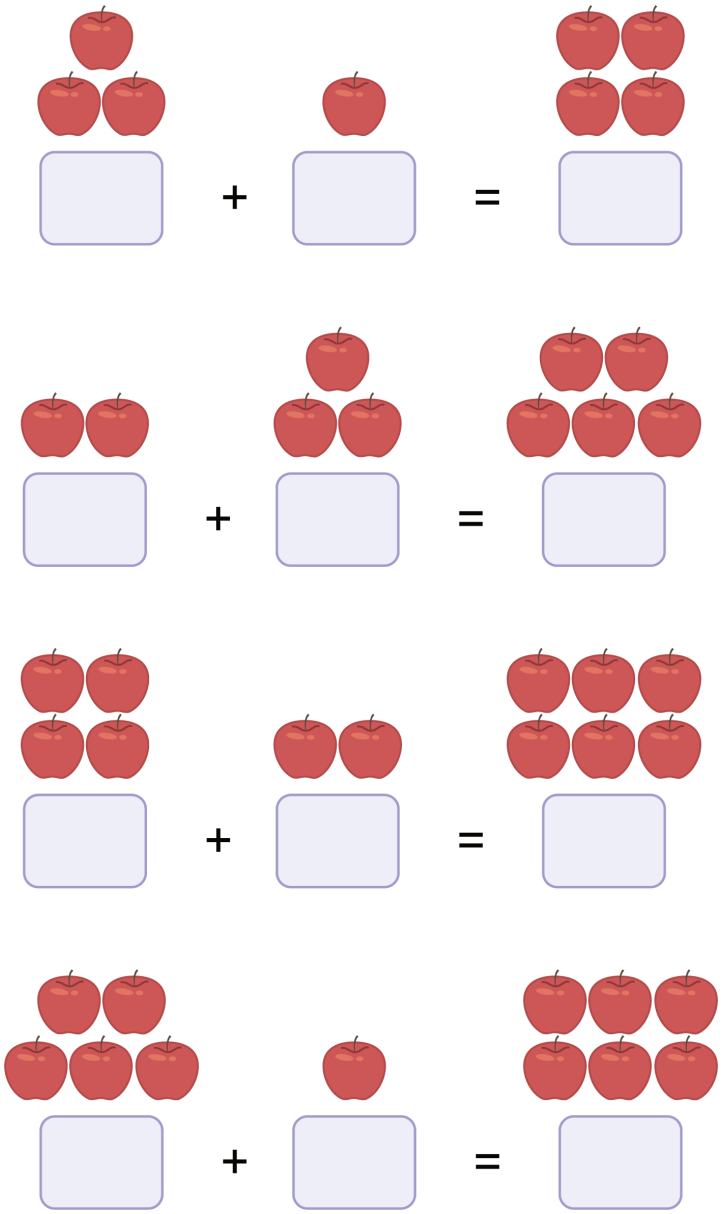
Color 10 stars.

Show the number on the frame.

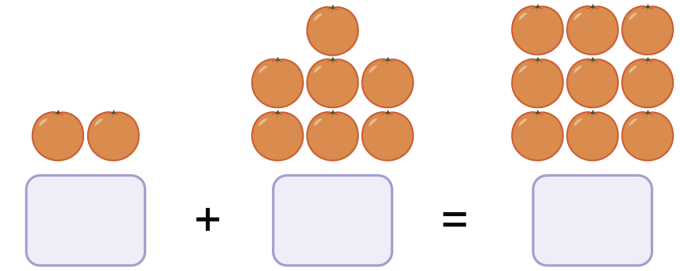


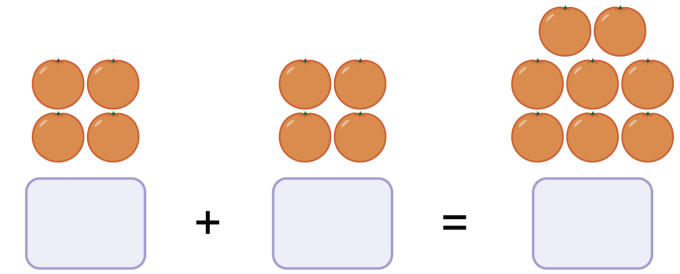
Day 2

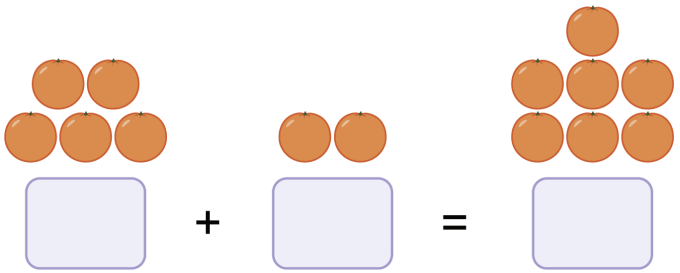
1 Write addition for the fruits!

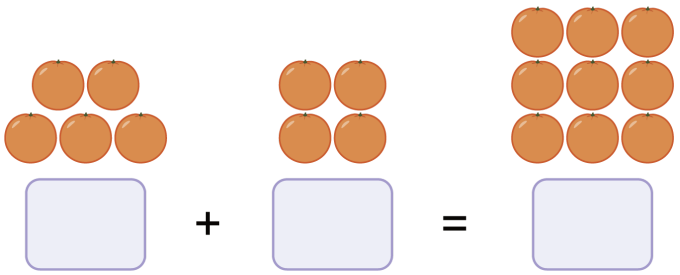


2 Write addition for the fruits!

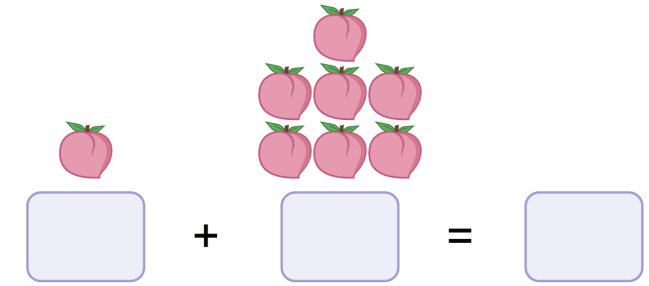


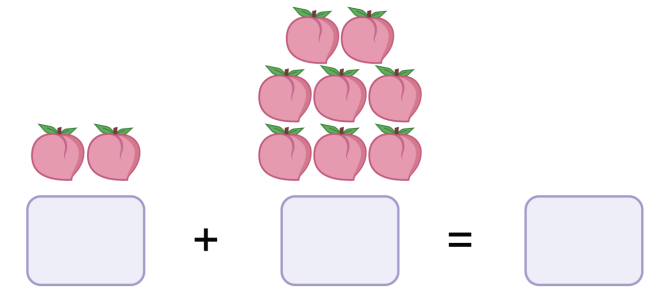


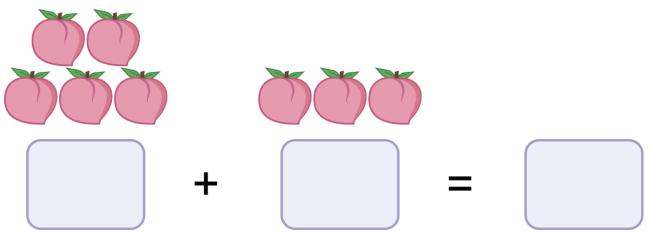


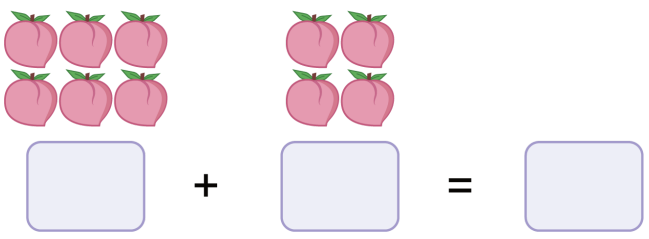


3 Write addition for the fruits!



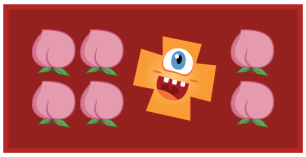


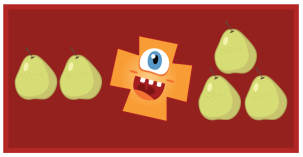




4 Let's match!

1.

2. 

3. 

A. 5

B. 4

C. 6

5 How many cookies are there in total?

A. 7

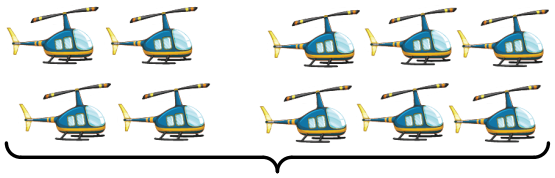
B. 8

C. 9

6 Write an addition sentence!

_____ + _____ = _____

7 How many helicopters are here?



?

_____ + _____ = _____

8 There are _____ potatoes in total.

9 How many buttons are there on two snowmen?

_____ + _____ = _____

10 Let's add!

(1) 2 + 1 = _____ (2) 3 + 4 = _____ (3) 4 + 2 = _____

(4) 4 + 4 = _____ (5) 2 + 7 = _____ (6) 5 + 5 = _____

(7) 3 + 6 = _____ (8) 5 + 2 = _____ (9) 4 + 5 = _____

(10) 2 + 6 = _____

11 Subtract with fruits!

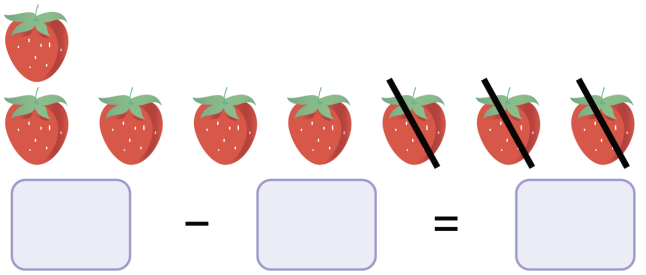
☐ – ☐ = ☐

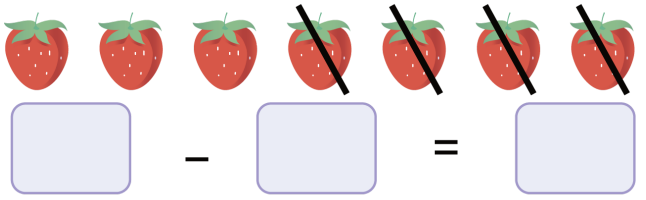
☐ – ☐ = ☐

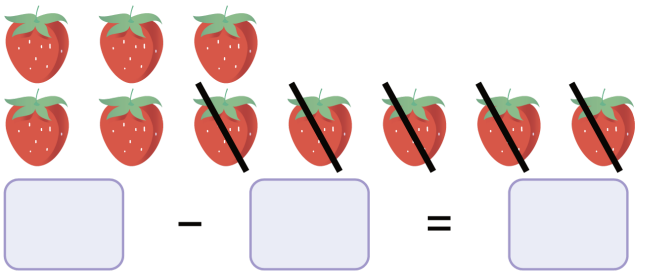
☐ – ☐ = ☐

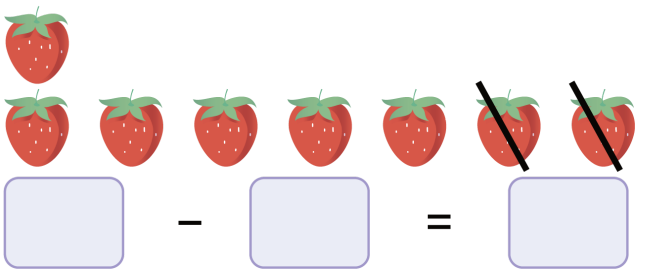
☐ – ☐ = ☐

12 Subtract with fruits!





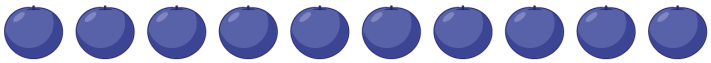




13 Cross off some fruits and do subtraction.

[ ] − 4 = [ ]

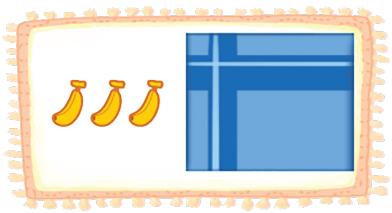
[ ] − 5 = [ ]



[ ] − 3 = [ ]

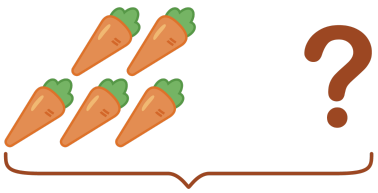
[ ] − 6 = [ ]

14 How many bananas are covered by the cloth?

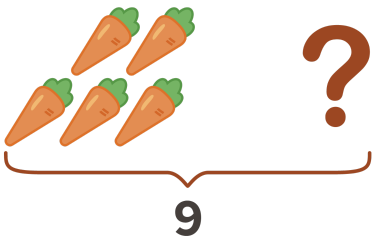


A. 5 B. 6 C. 8

15



? = _____.

16 

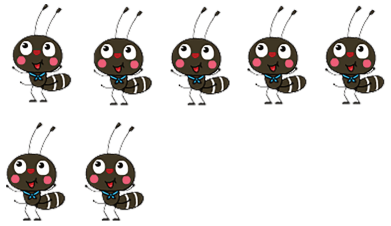
? = _____.

Day 3

1 Count the number of flowers.

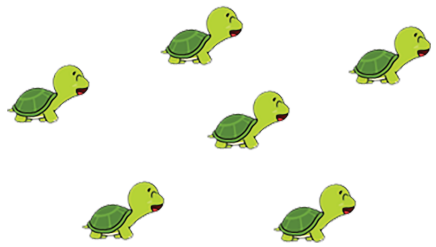
A. 10 B. 9 C. 8 D. 7 E. 6

2 Count the number of ants.



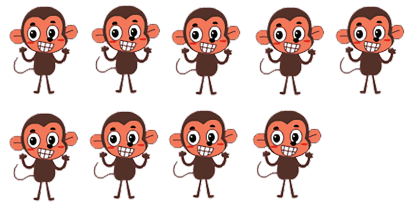
A. 7 B. 8 C. 9

3 Count the number of turtles.



A. 5 B. 6 C. 7

4 Count the number of monkeys.

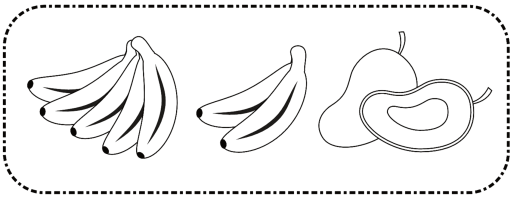


A. 8 B. 9 C. 10

5 Count the number of eyes.

A. 2 B. 3 C. 6 D. 9

6 Count the number of bananas.

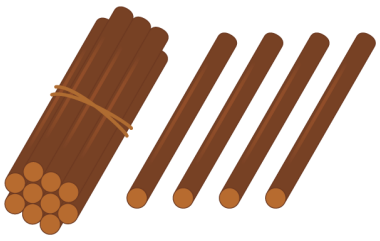


A. 6 B. 7 C. 8 D. 5 E. 2

7

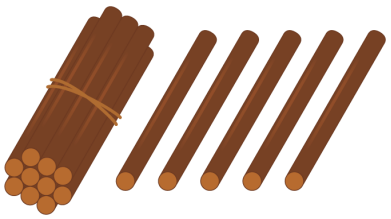
_____

8



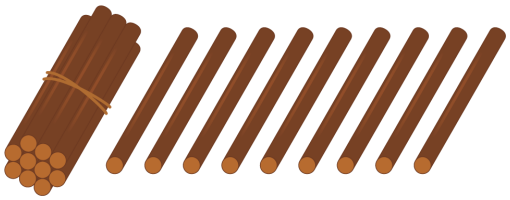
_____

9



_____

10

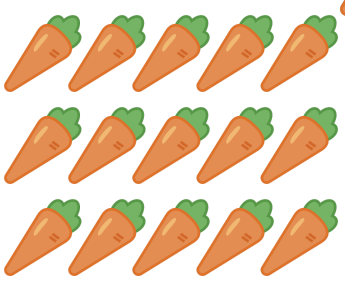


_____ .

11 Count the number of in the following picture.

A. 6 B. 7 C. 8 D. 9

12 Write the number of in the following figure.



= _____ .

13 How many shells are in the following figure?

A. 10 B. 12 C. 14

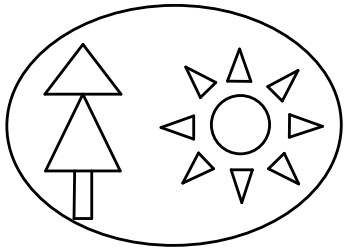
14 There are _____ penguins dancing.

15 How many dogs are in the following figure? Circle the correct number!

15 16 17

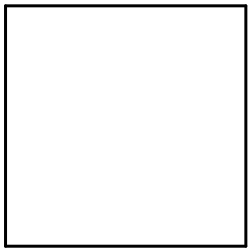
Day 4

1 Count the number of triangles in the picture.



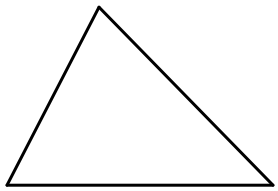
A. 8 B. 9 C. 10 D. 11 E. 12

2 How many sides are there in the square below?

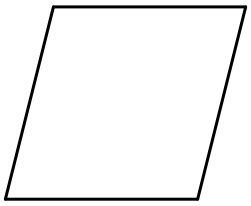


3 How many sides are there in the rectangle below?

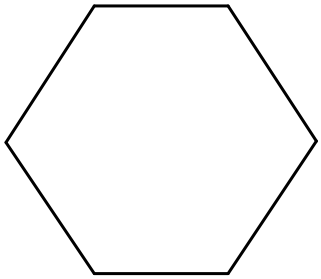
4 How many sides are there in the triangle below?



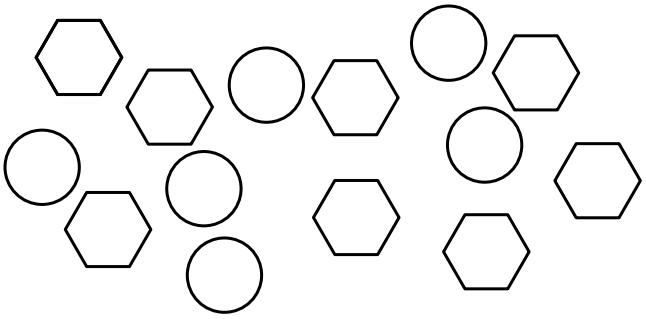
5 How many sides are there in the following figure below?



6 How many sides are there in the figure below?



7 How many circles are there in the following figure?



Day 5

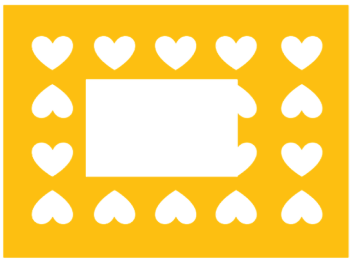
1 Which of the following is the missing piece of the donut?

A.

B.

C.

2 There is a missing piece of the following figure. Find the missing piece!



A.

B.

C.

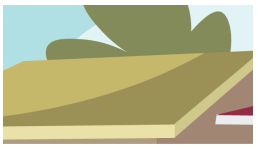
D.

3 Find the missing piece in the following figure!

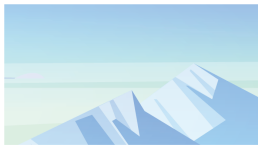
A.

B.

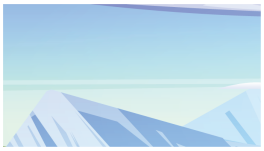
C.

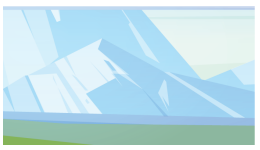
D. 

4 Find the missing piece of the following figure!

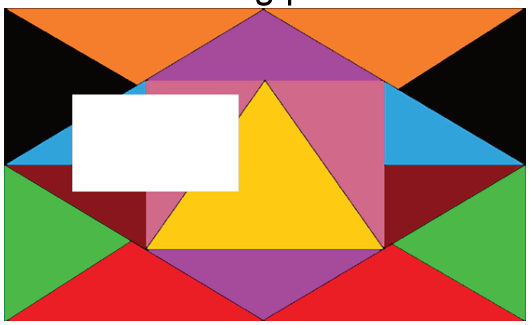
A. 

B.

C. 

D. 

5 Find the missing piece of the following figure!



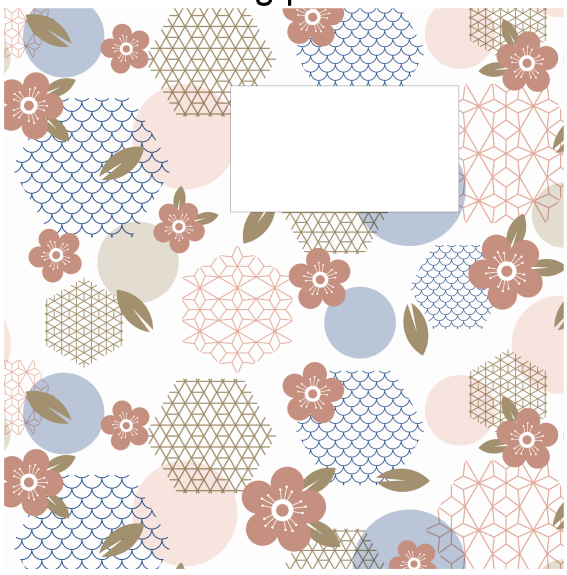
A.

B.

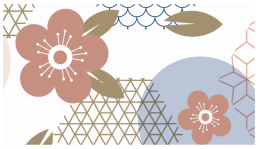
C.

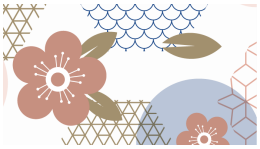
D.

6 Find the missing piece in the following figure!



A.

B. 

C. 

D.

7 Which shape can be formed with the two pieces below?

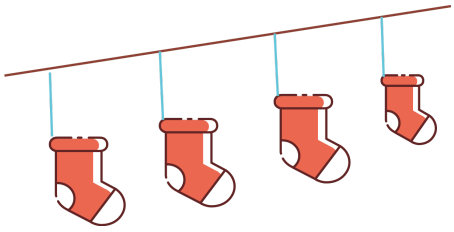
A.

B.

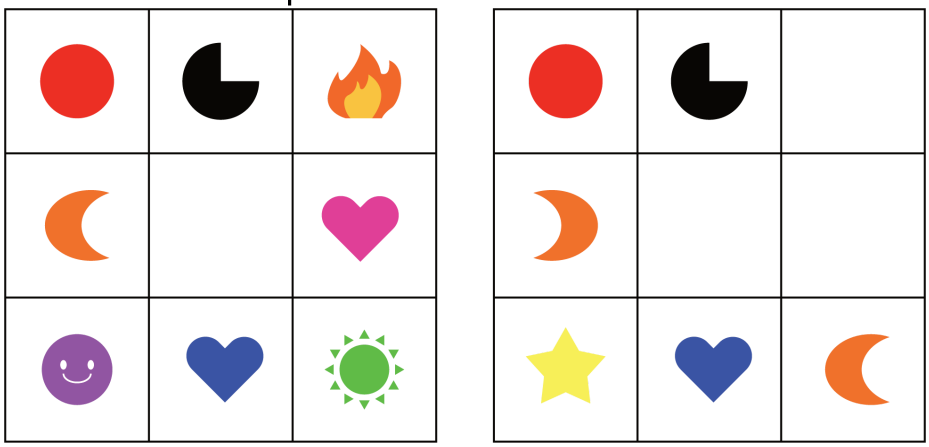
C.

Day 6

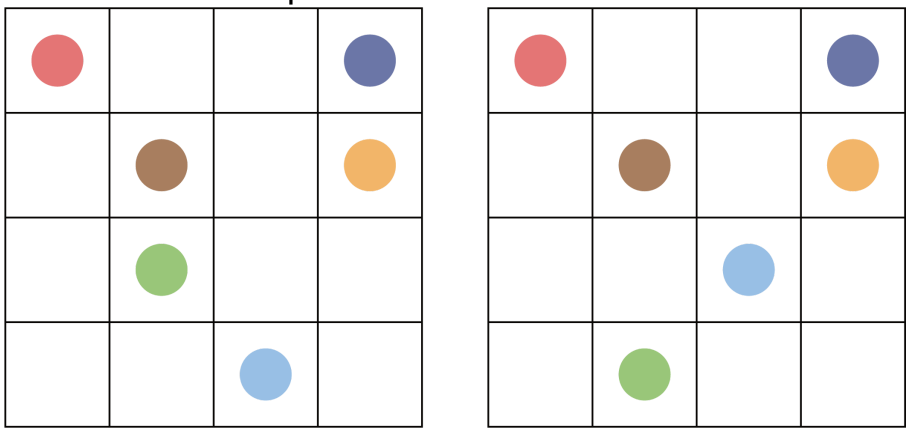
1 Which sock is different from others?



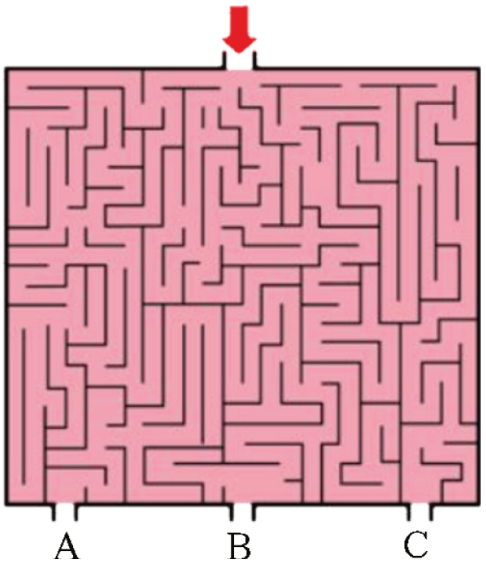
2 Observe the two pictures and find the differences. Circle them in the right picture.



3 Observe the two pictures and find the differences. Circle them in the right picture.

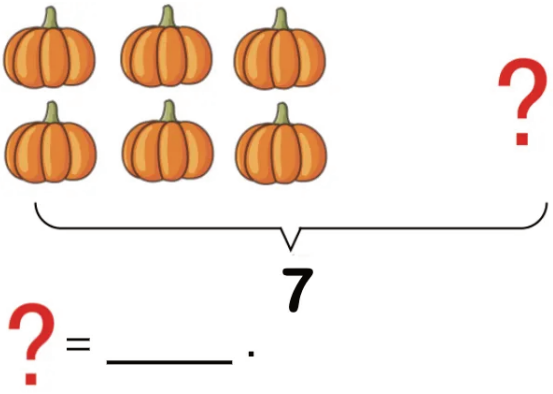


4 Challenge time! Which is the correct exit of this maze?



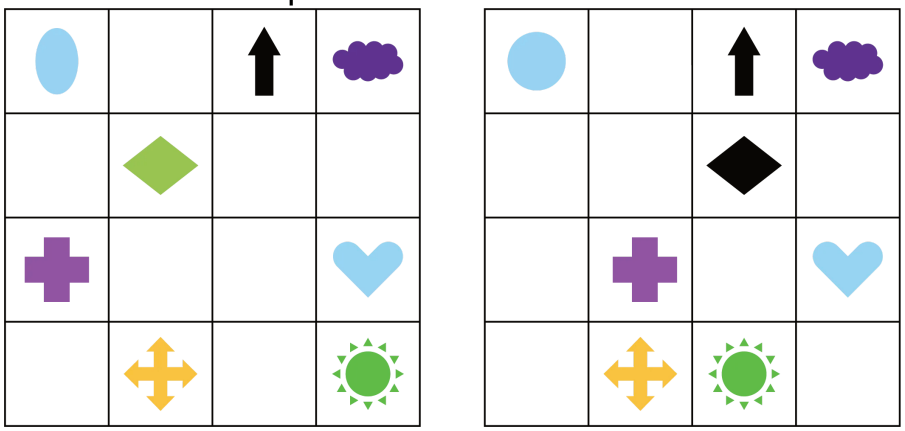
A. A B. B C. C

5



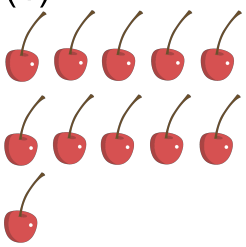
? = _____ .

6 Observe the two pictures and find the differences. Circle them in the right picture.



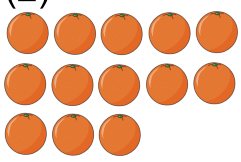
7 Eddie has many fruits! Help him count each kind of fruit.

(1)



There are _____ cherries.

(2)

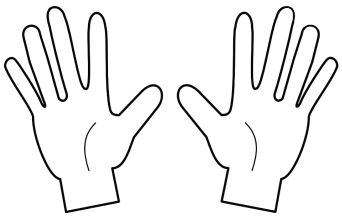


There are _____ oranges.

(3)

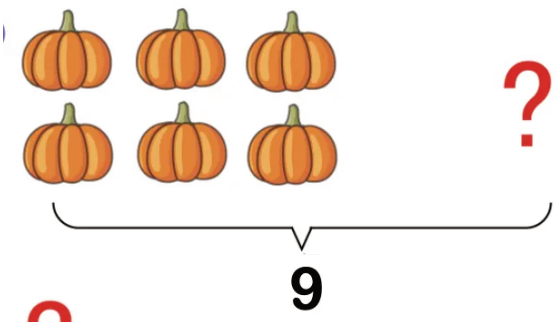
There are _____ apples.

8 Count the number of fingers!



A. 3 B. 5 C. 9 D. 10

9



? = _____ .

10 Let's subtract!

(1) $7 - 4 =$ _____ (2) $4 - 2 =$ _____ (3) $9 - 4 =$ _____

(4) $10 - 3 =$ _____ (5) $8 - 5 =$ _____ (6) $7 - 3 =$ _____

(7) $10 - 7 =$ _____ (8) $7 - 1 =$ _____ (9) $9 - 5 =$ _____

(10) $8 - 7 =$ _____

Answers

Day 2

1. $3 + 1 = 4$
   $2 + 3 = 5$
   $4 + 2 = 6$
   $5 + 1 = 6$
2. $2 + 7 = 9$
   $4 + 4 = 8$
   $5 + 2 = 7$
   $5 + 4 = 9$
3. $1 + 7 = 8$
   $2 + 8 = 10$
   $5 + 3 = 8$
   $6 + 4 = 10$
4. BCA
5. C
6. 3 Alternative 2 ; 2 Alternative 3 ; 5
7. 4 Alternative 6 ; 6 Alternative 4 ; 10
8. 8
9. 2 Alternative 3 ; 3 Alternative 2 ; 5
10. (1) 3
    (2) 7
    (3) 6
    (4) 8
    (5) 9
    (6) 10
    (7) 9
    (8) 7
    (9) 9
    (10) 8
11. $5 - 1 = 4$
    $6 - 3 = 3$
    $7 - 3 = 4$
    $10 - 2 = 8$

12. $8 - 3 = 5$
    $7 - 4 = 3$
    $10 - 5 = 5$
    $8 - 2 = 6$
13. $6 - 4 = 2$
    $9 - 5 = 4$
    $10 - 3 = 7$
    $7 - 6 = 1$
14. A
15. 3
16. 4

Day 3

1. C
2. A
3. B
4. B
5. D
6. B
7. 11
8. 14
9. 15
10. 19
11. D
12. 15
13. B
14. 20
15.
    15 16 17

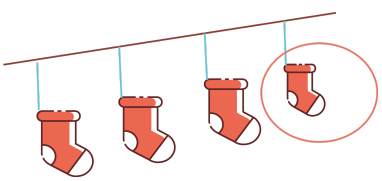
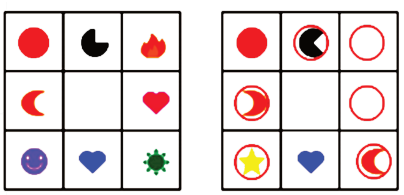
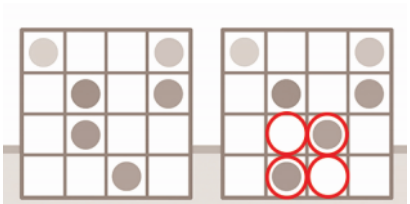
Day 4

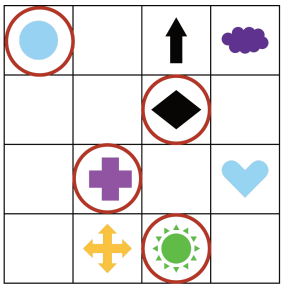
1. C
2. 4
3. 4
4. 3
5. 4
6. 6
7. 6

Day 5

1. A
2. C
3. C
4. B
5. B
6. B
7. C

Day 6

1. 
2. 
3. 
4. C
5. 1

6. 

7. 11 ; 13 ; 14

8. D

9. 3

10. (1) 3
    (2) 2
    (3) 5
    (4) 7
    (5) 3
    (6) 4
    (7) 3
    (8) 6
    (9) 4
    (10) 1

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