Think Academy

MK 5-POINTERS WORKBOOK

LV1-2

Logical Reasoning



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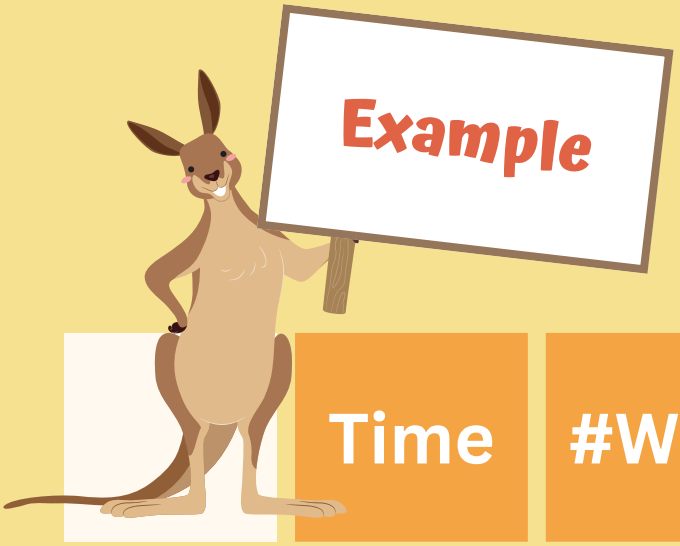


WORKBOOK GUIDELINE



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	★ ★ ★

Think Academy



Logical Reasoning

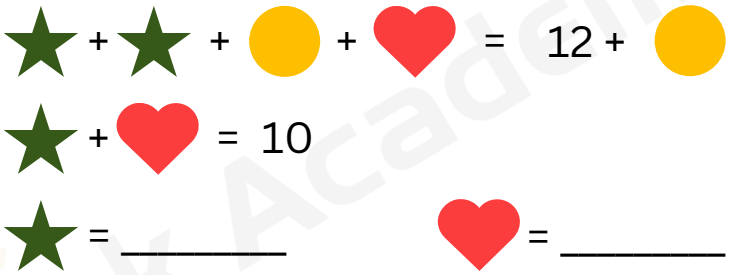
WEEK 1

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

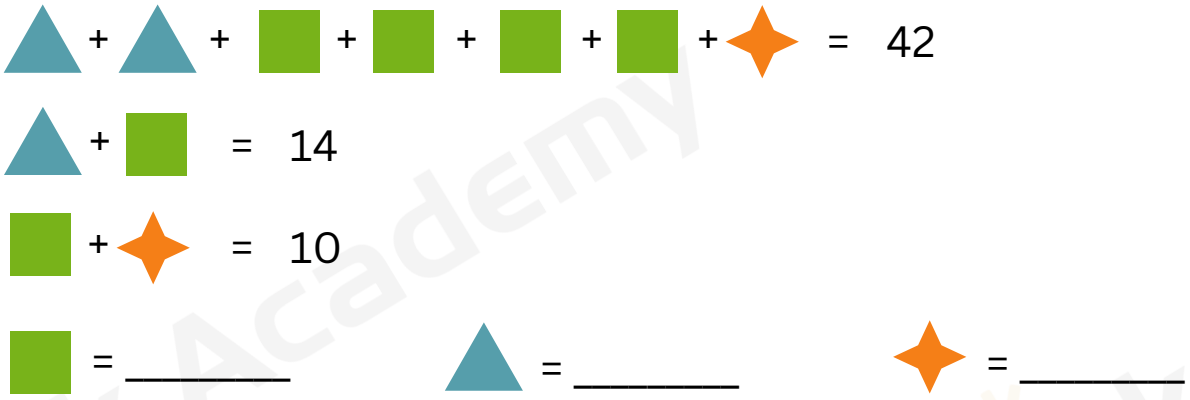
Operation without Numbers

Day 1

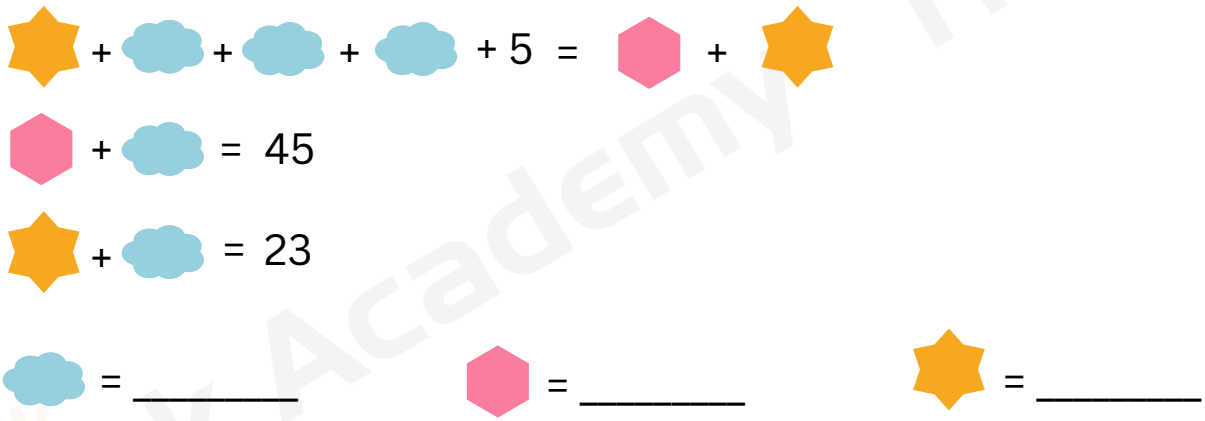
1. Fill in the blanks.



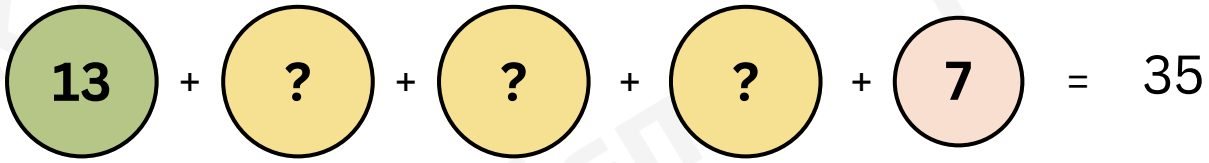
2. Fill in the blanks.



3. Fill in the blanks.

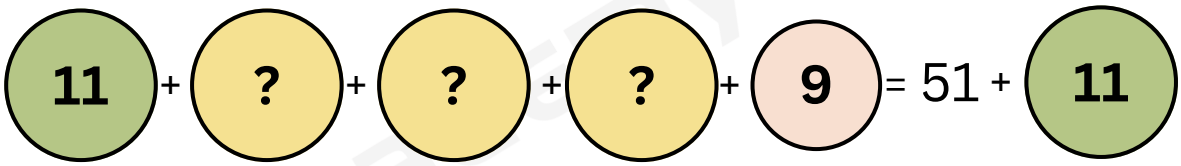


4. The three tokens with the question mark have the same number. The sum of the five tokens shown is 35. What is the value of one of the missing numbers?



A. 10 B. 8 C. 6 D. 5 E. 4

5. The three tokens with the question mark have the same number. The equation is balanced as shown below. What is the value of one of the missing numbers?



A. 12 B. 14 C. 16 D. 18 E. 20

Think Academy

Word Problems (Operation)

Day 2 & Day 3

1. A dog, a cat and a monkey together weigh 20 pounds. Two cats and two monkeys weigh 18 pounds. A dog and 3 monkeys together weigh 3 pounds less than a cat, a dog and one monkey. How much does a cat weigh?

A. 3 pounds B. 4 pounds C. 6 pounds D. 7 pounds E. 8 pounds

2. An ice-cream, a cupcake, and a pudding combo costs 23 collars. Dora bought 2 ice-creams and 1 cupcake and she spent 24 dollars. James bought 3 ice-creams, 2 cupcakes and 1 pudding. Tim bought 3 cupcakes, 1 pudding and 1 ice-cream. James spent 4 more dollars than Tim. How much does a cupcake cost?

A. 12 dollars B. 10 dollars C. 8 dollars D. 6 dollars E. 5 dollars

3. A baby elephant, a cheetah, and a tiger weigh 78 pounds in total. A baby elephant and two cheetahs weigh 68 pounds. A tiger and 4 cheetahs weigh 3 pounds less than a baby elephant, a cheetah and a tiger. How much does a tiger weigh?

A. 13 pounds B. 23 pounds C. 33 pounds D. 42 pounds E. 43 pounds

4. A blue shirt, a grey skirt and a pair of black pants costs 95 dollars. Tina bought two blue shirts and a grey skirt. She spent 71 dollars. George bought a blue shirt for himself, and bought 3 pairs of black pants for his brothers. He spent 85 more dollars than Tina. How much is the price of one pair of black pants?

A. 21 dollars B. 29 dollars C. 35 dollars D. 45 dollars E. 49 dollars

5. A pencil, an eraser, and a marker costs 67 cents. A pencil and 3 erasers cost 52 cents. Two markers and 4 erasers costs 1 dollar and 26 cents. How much is the price of a pencil and a marker?

A. 21 cents B. 39 cents C. 55 cents D. 16 cents E. 12 cents

Take a rest!

6. An elephant weighs as much as two tigers, and a tiger weighs as much as 8 cats. How many cats weigh the same as an elephant?

A. 8 B. 10 C. 12 D. 16 E. 24

7. A school bag costs as much as 4 water bottles. The price of three water bottles is the same as 12 markers. How many markers in total will cost as much as a school bag?

A. 12 B. 16 C. 18 D. 20 E. 22

8. An apple, a banana, and 3 cherries together weigh 14 lbs. One apple and one cherry together weigh 7 lbs. One banana and 4 cherries weigh 4 lbs more than an apple and a cherry together. Each fruit weighs the same. How many pounds does one banana weigh?

A. 3 B. 5 C. 6 D. 7 E. 10

9. Two apple weighs as much as a dozen cherries, and a banana weighs half of an apple. How many cherries weigh the same as a banana?

A. 3 B. 4 C. 6 D. 10 E. 12

10. In a toy shop, a bunny costs as much as 5 lego sets. A doll costs as much as two lego sets and two teddy bears. The cost of a teddy bear and a bunny equals to the cost of a lego set and a doll. Which one is the most expensive?

A. Lego B. Teddy bear C. Bunny D. Doll E. cannot decide

Word Problems (Lining up)

Day 4

1. Joy has five toys: a doll, a teddy bear, a model plane, a building block, and a puzzle. She puts each toy on a different shelf of the bookcase. The doll is higher than the blocks and lower than the puzzle. The plane is directly above the doll. On which shelf can the teddy bear not be placed?

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

2. In the classroom, there are 5 students sitting in a row: Tommy, Jimmy, Kitty, Amy and Candy. Tommy is sitting to the left of Jimmy and to the right of Kitty. Amy is sitting exact on the right-hand side of Tommy. Counting from left to right, which seat can Candy not sit?

A. 1st B. 2nd C. 3rd D. 4th E. 5th

3. Daniel, Samuel, Eddie, Zoe and Audrey took a test. Audrey got a higher score than Zoe, but lower than Daniel. Samuel got a lower score than Audrey, and Samuel's score is adjacent to Zoe's score in the ranking list. Which ranking Eddie cannot get?

A. 1st B. 2nd C. 3rd D. 4th E. 5th

4. Joe, Park, Helen, Alex, and Dylan are lining up. Joe stands in front of Helen, but behind Alex. Park stands right behind Alex. Counting from the front, which place Dylan cannot be standing?

A. 1st B. 2nd C. 3rd D. 4th E. 5th

5. Cat, Dog, Mouse, Monkey and Pig live in a five-floor building. Cat lives above Mouse, but below Monkey. Pig lives right below Mouse. Which floor Dog cannot live in this building?

A. 1st B. 2nd C. 3rd D. 4th E. 5th

Think Academy

Review

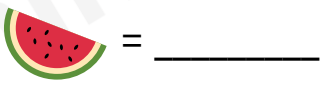
Day 5

1. Fill in the blanks.


= 37


= 18

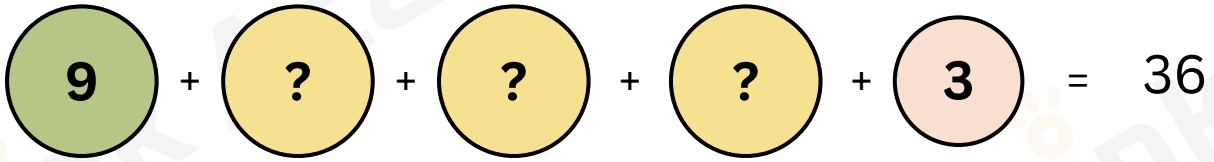

= 11


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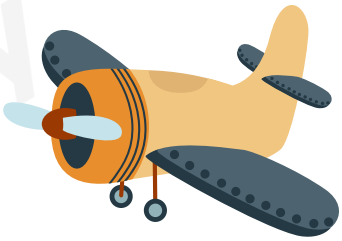
A. 4 B. 5 C. 6 D. 7 E. 8

3. A dog, a cat and a monkey together weigh 25 pounds. A cat and two monkeys weigh 29 pounds. Two dogs and 1 monkey together weigh 1 pound less than 3 dogs and one cat. How much does a dog weigh?

A. 5 pounds B. 6 pounds C. 8 pounds D. 10 pounds E. 12 pounds

4. A teddy bear costs as four times as a toy car, but only half of the price of a toy plane. How many toy cars will cost as much as a toy plane?





A. 2 B. 4 C. 6 D. 8 E. 10

5. Jackie, Ryan, Jessica, Denny, and Aidan lives in a 5-floor building. Jackie lives one floor above Ryan, and 2 floors below Jessica. Denny lives above Jessica. Which floor does Aidan live in?

A. 1st B. 2nd C. 3rd D. 4th E. 5th

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Answers

Operation without numbers - Day 1
[2, 8] [4, 10, 6] [10, 35, 13] DB

Word Problems (Operation) - Day 2 & Day 3
DBBDC DBAAD

Word Problems (Lining Up) - Day 4
CCDBB

Week Review - Day 5
[8, 2, 3] ECDC

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MK 5-POINTERS WORKBOOK

LV1-2

Operational Problems



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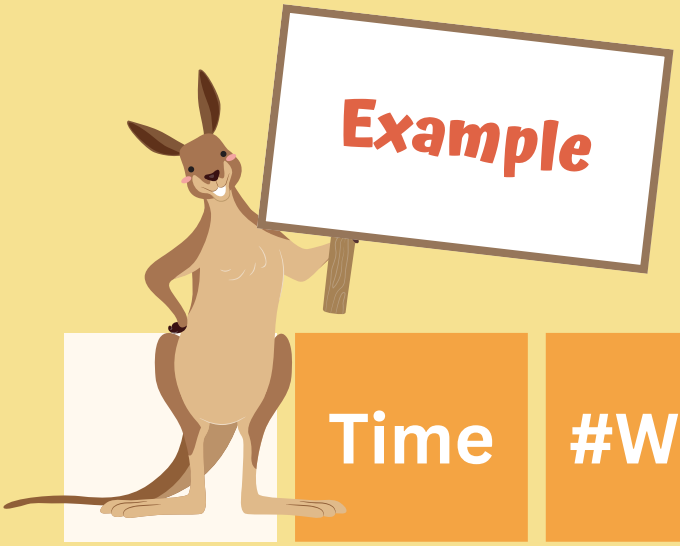


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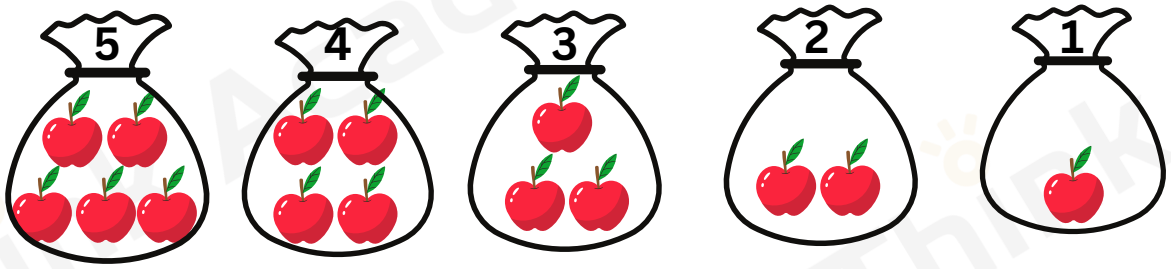
WEEK 2

	Time	#Wrong	Difficulty ★ ★ ★
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Tue			
Wed			
Thu			
Fri			

Fun Math

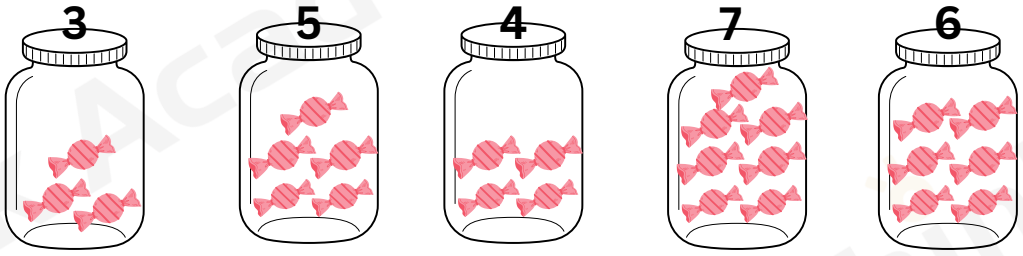
Day 1

1. There are five bags of apples as shown. You may swap two bags in each step. What is the smallest number of steps needed to place the bags in increasing order?



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

2. There are five jars filled with different amount of candies as shown. You may swap two bags in each step. What is the smallest number of steps needed to place the jar in increasing order?



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

3. There are five books and each of them has different pages as shown. You may swap two books in each step. What is the smallest number of steps needed to place the book in increasing order?



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

4. There are five boxes filled with different amount of balls as shown. You may swap two boxes in each step. What is the smallest number of steps needed to place the boxes in increasing order?



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

5. There are five kids and everyone's height is different as shown. You may swap two kids in each step. What is the smallest number of steps needed to place the kids in increasing order?



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

Logic

Day 2 & Day 3

1. Every time the witch has 3 peach she turns them into 1 watermelon. Every time she has 2 watermelons she turns them into 1 peaches. What will she end up with if she starts with 4 peach and 4 watermelon?



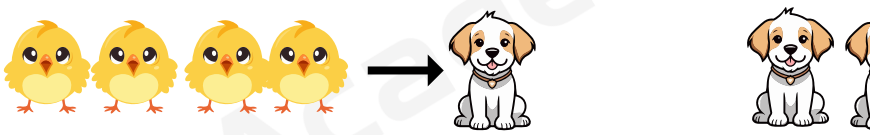
A. 
B. 
C. 
D. 
E. 

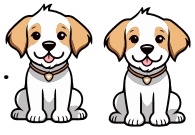
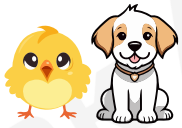
2. Every time the witch has 2 ice cream she turns them into 1 candy. Every time she has 3 candies she turns them into 1 ice cream. What will she end up with if she starts with 5 ice cream and 3 candies?



A. 
B. 
C. 
D. 
E. 

3. Every time the witch has 4 chicken she turns them into 1 dog. Every time she has 2 dogs she turns them into 1 chicken. What will she end up with if she starts with 7 chicken and 4 dogs?



A. 
B. 
C. 
D. 
E. 

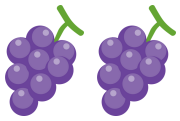
4. Every time the witch has 3 grapes she turns them into 2 strawberries. Every time she has 3 strawberries she turns them into 1 grape. What will she end up with if she starts with 6 grapes and 7 strawberries?



A. 

B. 

C. 

D. 

E. 

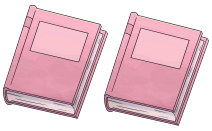
5. Every time the witch has 4 pencils she turns them into 1 book. Every time she has 2 books she turns them into 1 pencil. What will she end up with if she starts with 10 pencils and 3 books?



A. 

B. 

C. 

D. 

E. 

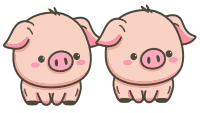
6. Every time the witch has 3 cats she turns them into 1 pig. Every time she has 3 pigs she turns them into 1 cat. What will she end up with if she starts with 5 cats and 4 pigs?

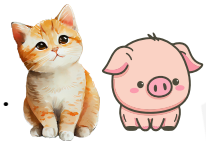


A. 

B. 

C. 

D. 

E. 

7. Every time the witch has 2 chocolate she turns them into 1 cookie. Every time she has 3 cookies she turns them into 1 chocolate. What will she end up with if she starts with 4 chocolate and 6 cookies?



A. 
B. 
C. 
D. 
E. 

8. Every time the witch has 4 juices she turns them into 1 milk. Every time she has 3 milks she turns them into 1 juice. What will she end up with if she starts with 9 juices and 8 milks?



A. 

B. 

C. 

D. 

E. 

9. Every time the witch has 3 airplanes she turns them into 1 cars. Every time she has 4 cars she turns them into 1 airplane. What will she end up with if she starts with 7 airplanes and 8 cars?



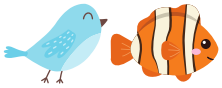
A. 
B. 
C. 
D. 
E. 

10. Every time the witch has 2 birds she turns them into 1 fish. Every time she has 4 fish she turns them into 1 bird. What will she end up with if she starts with 12 birds and 10 fish?

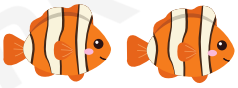


A. 

B. 

C. 

D. 

E. 

Minimum & Maximum

Day 4

1. Lucy's machine changes 1 candy into 2 chocolate and 1 chocolate into 3 candies. Lucy has 2 chocolate and 3 candies. She uses the machine 4 times. What is the smallest number of snack she can end up with?



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

2. Eddie's machine changes 1 juice into 3 milk and 1 milk into 2 juice. Eddie has 4 juice and 5 milk. He uses the machine 3 times. What is the largest number of drinks he can end up with?



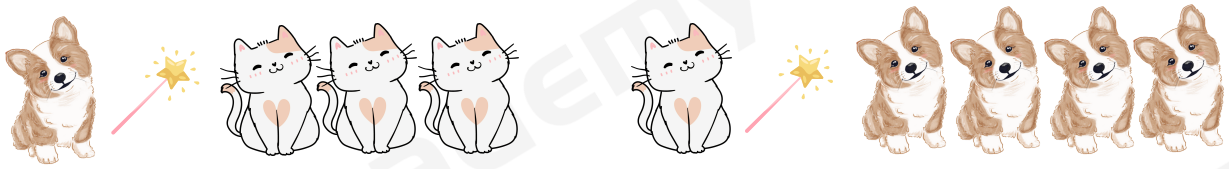
A. 13 B. 14 C. 15 D. 16 E. 17

3. Zoe's machine changes 1 pink donut into 4 blue donuts and 1 blue donut into 3 pink donuts. Zoe has 2 blue donuts and 6 pink donut. She uses the machine 5 times. What is the smallest number of donuts she can end up with?



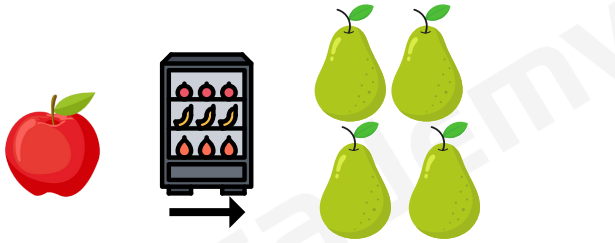
A. 17 B. 18 C. 19 D. 20 E. 21

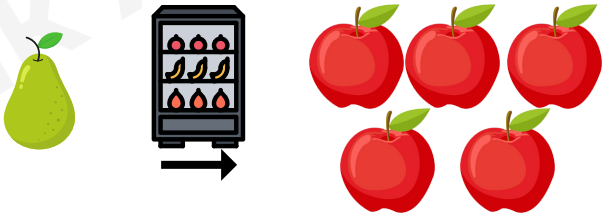
4. Judy's magic wand changes 1 dog into 3 cats and 1 cat into 4 dogs. Judy has 4 dogs and 2 cats. She uses the magic wand 4 times. What is the largest number of animals she can end up with?



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

5. Jack's fruit machine changes 1 apple into 4 pears and 1 pear into 5 apples. Jack has 6 pears and 3 apples. He uses the fruit machine 5 times. What is the smallest number of animals he can end up with?



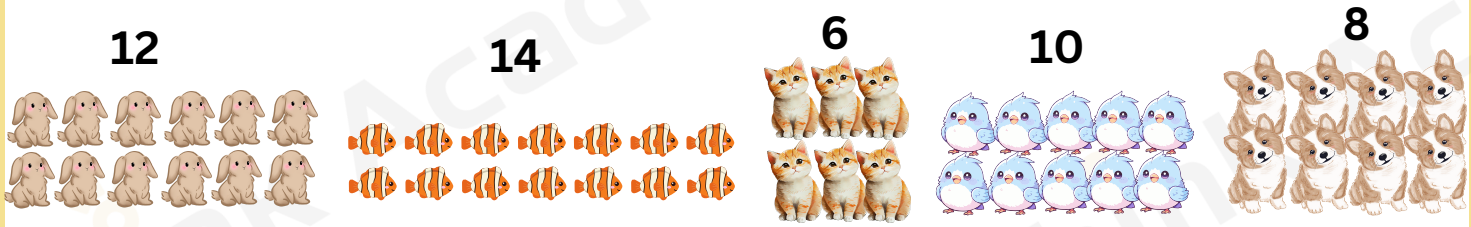


A. 22 B. 23 C. 24 D. 25 E. 26

Review

Day 5

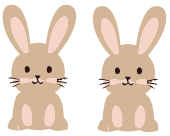
1. There are five groups of animals as shown. You may swap two groups in each step. What is the smallest number of steps needed to place the group in increasing order?



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

2. Every time the witch has 3 bird she turns them into 1 bunny. Every time she has 4 bunny she turns them into 1 bird. What will she end up with if she starts with 5 bunny and 9 birds?



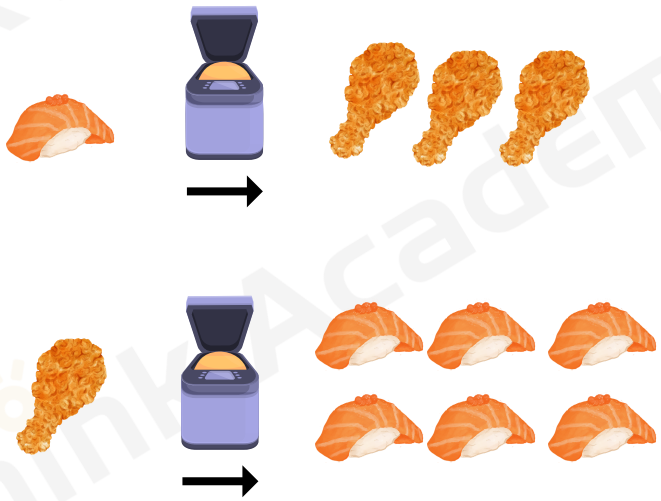
A.  B.  C.  D.  E. 

3. Sam's magic wand changes 1 fish into 4 crabs and 1 crab into 5 fish. Sam has 4 crabs and 7 fish. He uses the magic wand 6 times. What is the largest number of animals he can end up with?



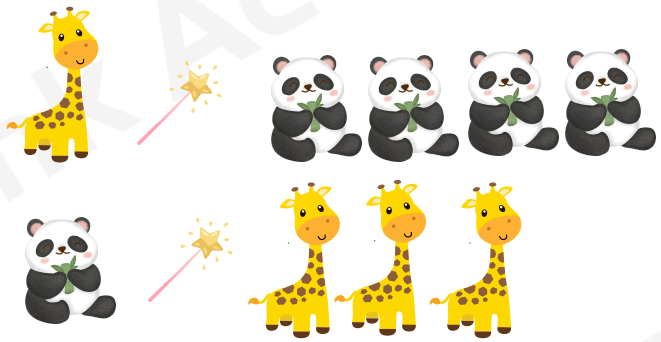
A. 31 B. 32 C. 33 D. 34 E. 35

4. Ethan’s food machine changes 1 sushi into 3 fried chicken and 1 fried chicken into 6 sushi. Ethan has 3 sushi and 6 fried chicken. He uses the food machine 5 times. What is the smallest number of food he can end up with?



A. 21 B. 22 C. 23 D. 24 E. 25

5. Anna's magic wand changes 1 giraffe into 4 pandas and 1 panda into 3 giraffe. Anna has 8 giraffe and 3 panda. She uses the magic wand 8 times. What is the smallest number of animals she can end up with?



A. 28 B. 29 C. 30 D. 31 E. 32



Answers

Fun Math - Day 1
BBCCC

Logic - Day 2 & Day 3
ABBEA AADDE

Minimum & Maximum- Day 4
ECCBD

Week Review - Day 5
CDDBA

Think Academy

MK 5-POINTERS WORKBOOK

LV1-2

Geometry



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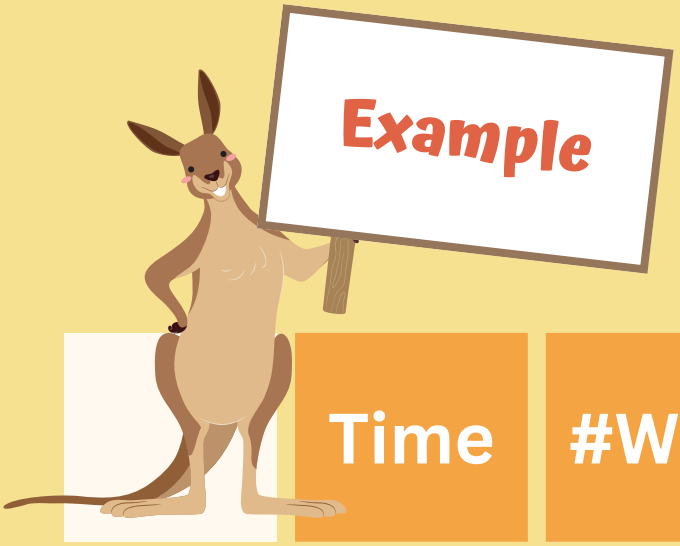


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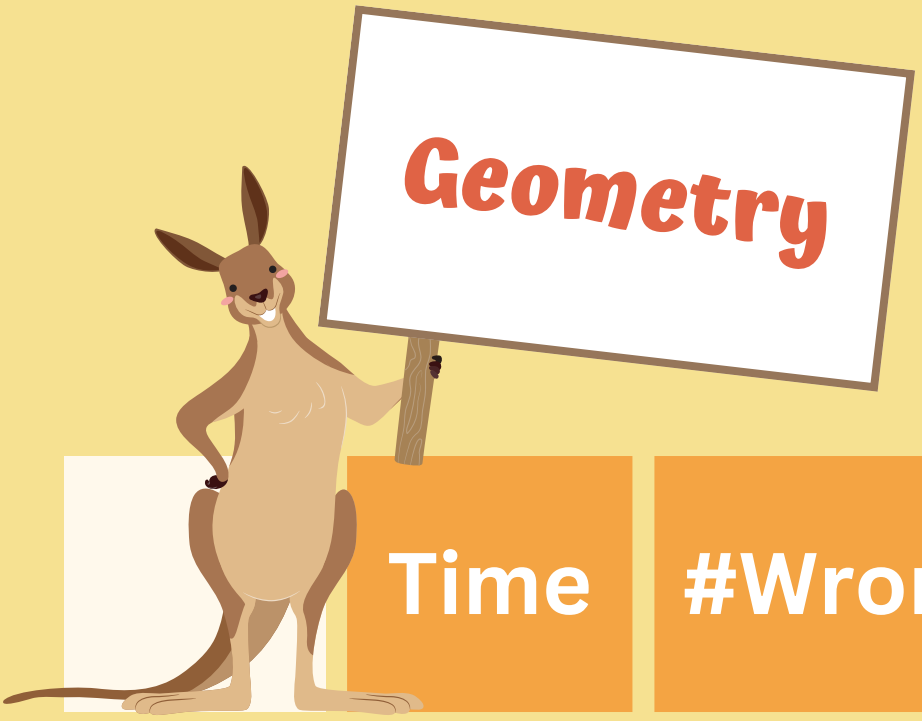
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	Time	#Wrong	Difficulty
			★ ★ ★
Mon	30 min	2	★ ★ ★

Think Academy



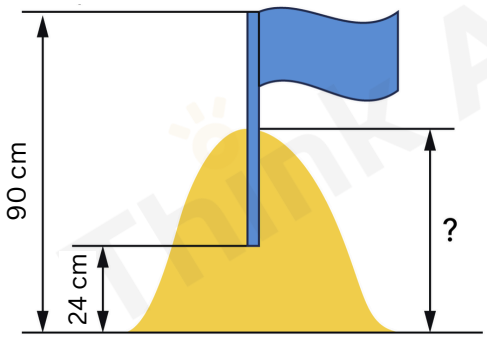
WEEK 3

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

Sum & Difference

Day 1

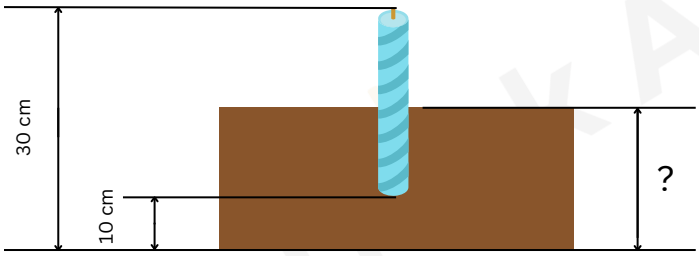
1. Jim and Jane built a sandcastle and decorated it with a flag. They stuck half of the flagpole into the highest point of the castle. The upper tip of the flagpole was 90 cm above the ground and the lower tip was 24 cm above the ground. How tall was the sandcastle?



A. 55cm B. 56cm C. 57cm

D. 58cm E. 60cm

2. It's Wendy's birthday! She puts a candle in the cake, sticking half of the candle in the cake. The upper tip of the candle is 30 cm above the table and the lower tip is 10 cm above the table. How tall is the cake?



A. 20 B. 22 C. 26

D. 28 E. 30

3. Nick sticks two identical chopsticks together to make a longer one, which is 40 cm long. The overlapped part in the middle is 4 cm long. How long is each chopstick?



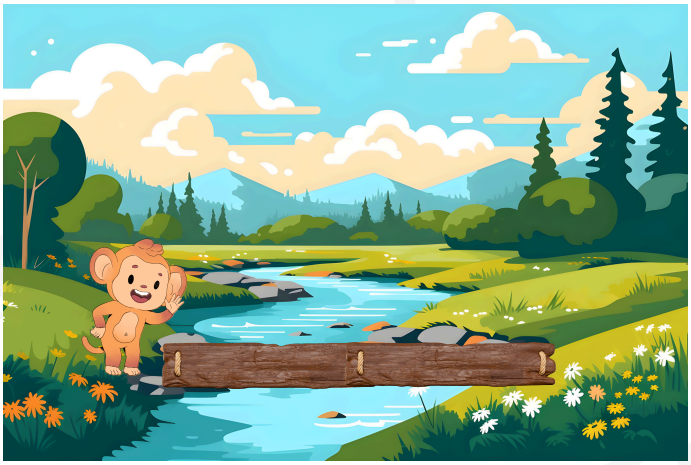
A. 18 B. 22 C. 26 D. 30 E. 32

4. Anna sticks two identical chopsticks together to make a longer one, which is 45 cm long. The overlapped part in the middle is 5 cm long. How long is each chopstick?



A. 20 B. 21 C. 24 D. 25 E. 28

5. Monkey wants to make a bridge across the river with two identical wooden planks. The river width is 77 cm, and each of the two wooden planks length is 43 cm. Suppose the ends of the planks reaches the river shore, and the two planks have to be placed in a line. How long will be the overlapping parts of the two planks be?

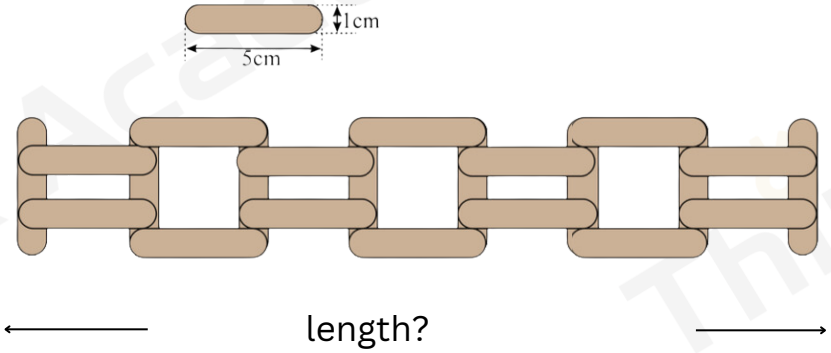


A. 5 B. 9 C. 20 D. 34 E. 35

Regrouping

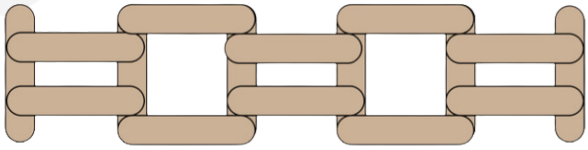
Day 2

1. A student had some sticks with a length of 5 cm and a width of 1 cm. With the sticks he constructed the fence below. What is the length of the fence?



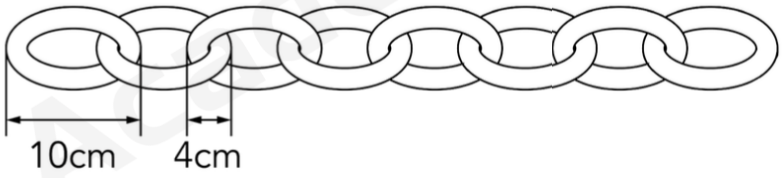
A. 28 B. 29 C. 30 D. 31 E. 32

2. A student had some sticks with a length of 6 cm and a width of 2 cm. With the sticks he constructed the fence below. What is the length of the fence?



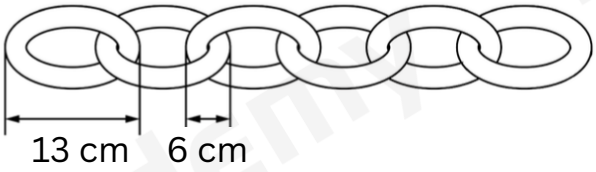
A. 22 B. 23 C. 24 D. 25 E. 26

3. Joe has a toy of 8 identical rings joined together. Each of the rings is 10 cm long, and the width is 2 cm. How long is the toy?



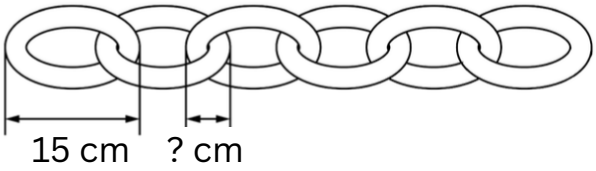
A. 44 B. 48 C. 50 D. 52 E. 56

4. Ryan has a toy of 6 identical rings joined together. Each of the rings is 13 cm long, and the width is 3 cm. How long is the toy?



A. 36 B. 38 C. 40 D. 48 E. 50

5. Audrey has a toy of 6 identical rings joined together. Each of the rings is 15 cm long, and the total length is 55cm. What is the width of the question part?



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

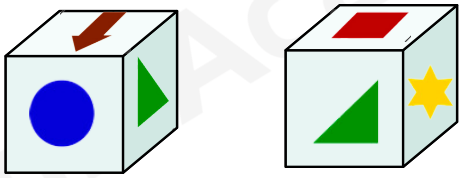
Dice

Day 3

1. One of the six stickers shown below was placed on each of the six faces of a die.



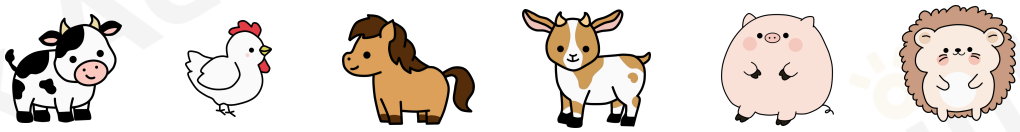
The next picture shows the die in two positions.



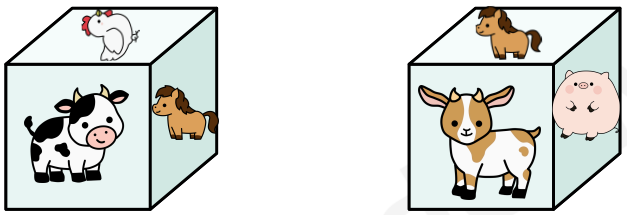
Which picture is on the face opposite the face with the kangaroo sticker?

A. 
B. 
C. 
D. 
E. 

2. One of the six stickers shown below was placed on each of the six faces of a die.



The next picture shows the die in two positions.



Which picture is on the face opposite the face with the hedgehog sticker?

A. 
B. 
C. 
D. 
E. 

3. One of the six stickers shown below was placed on each of the six faces of a die.



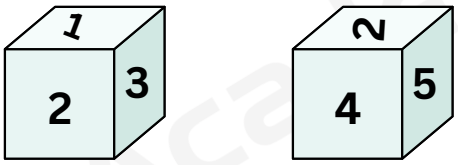
The next picture shows the die in two positions.



Which picture is on the face opposite the face with the apple sticker?

A.  B.  C.  D.  E. 

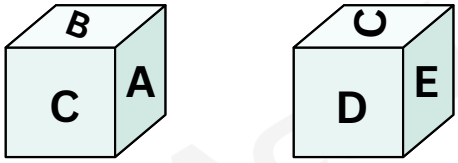
4. There are numbers 1, 2, 3, 4, 5, 6 on a cube.
The next picture shows the cube in two positions.



Which picture is on the face opposite the face with the number 6?

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

5. There are letters A, B, C, D, E, F on a die.
The next picture shows the die in two positions.



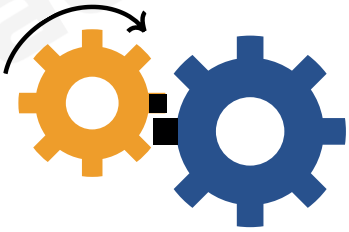
Which picture is on the face opposite the face with the letter F?

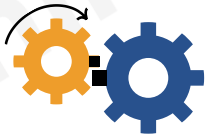
A. A B. B C. C D. D E. E

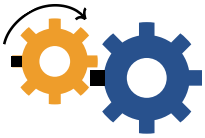
Gears

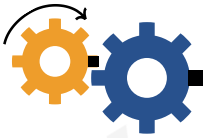
Day 4

1. The picture shows two gears, each with a black tooth. Where will the black teeth be after the small gear has made one full turn?

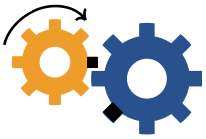


A. 

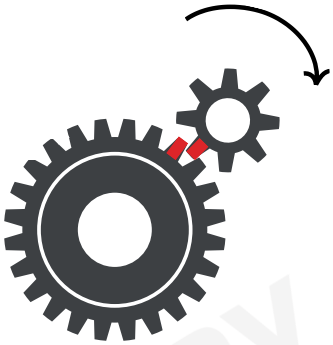
B. 

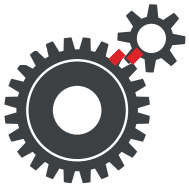
C. 

D. 

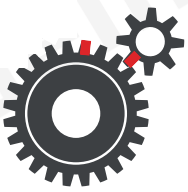
E. 

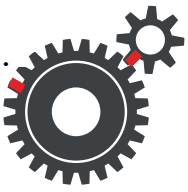
2. The picture shows two gears, each with a red tooth. Where will the red teeth be after the small gear has made one full turn?

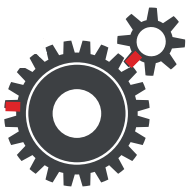


A. 

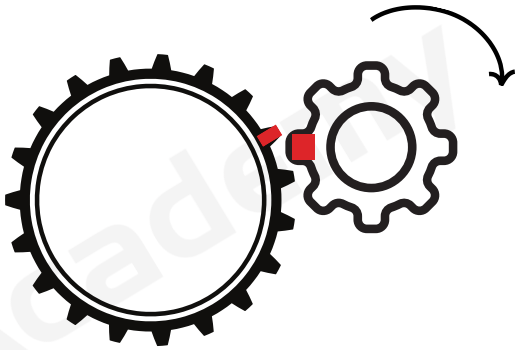
B. 

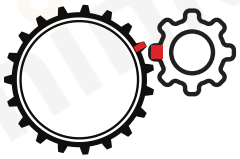
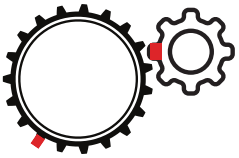
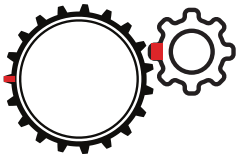
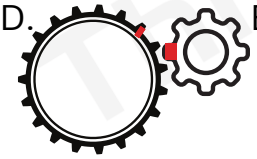
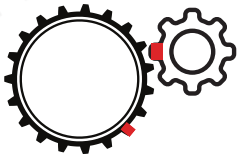
C. 

D. 

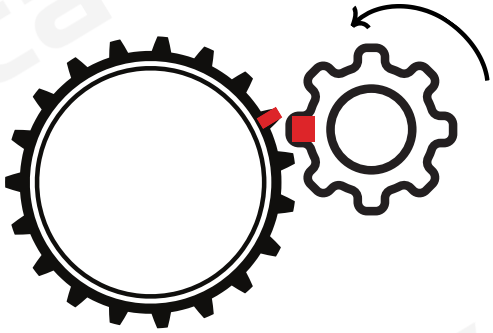
E. 

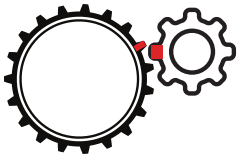
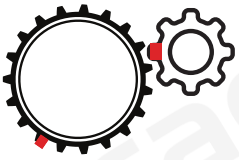
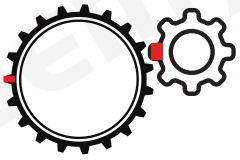
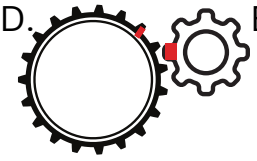
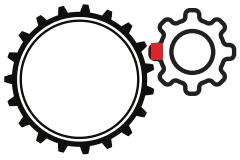
3. The picture shows two gears, each with a red tooth. Where will the red teeth be after the small gear has made one full turn?



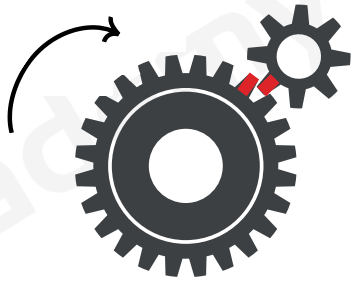
A.  B.  C.  D.  E. 

4. The picture shows two gears, each with a red tooth. Where will the red teeth be after the small gear has made one full turn?



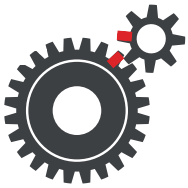
A.  B.  C.  D.  E. 

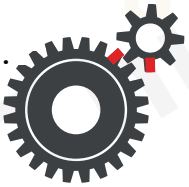
5. The picture shows two gears, each with a red tooth. Where will the red teeth be after the big gear has made one full turn?

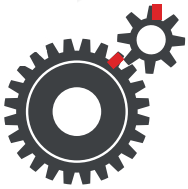


A. 

B. 

C. 

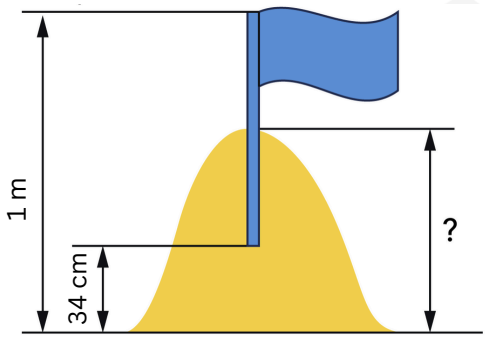
D. 

E. 

Review

Day 5

1. Quinn built a sandcastle and decorated it with a flag. He stuck half of the flagpole into the highest point of the castle. The upper tip of the flagpole was 1m cm above the ground and the lower tip was 36 cm above the ground. How tall was the sandcastle?



A. 32cm B. 64cm C. 67cm

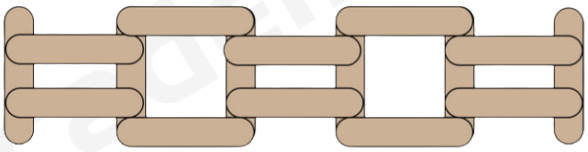
D. 70cm E. 72cm

2. John sticks two identical chopsticks together to make a longer one, which is 27 cm long. The overlapped part in the middle is 5 cm long. How long is each chopstick?



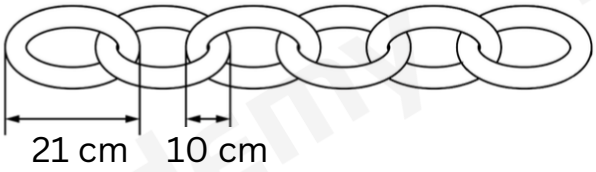
A. 11 B. 16 C. 17 D. 18 E. 20

3. A student had some sticks with a length of 7 cm and a width of 2 cm. With the sticks he constructed the fence below. What is the length of the fence?



A. 22 B. 23 C. 27 D. 29 E. 30

4. Jessie has a toy of 6 identical rings joined together. Each of the rings is 21 cm long, and the width is 5 cm. How long is the toy?

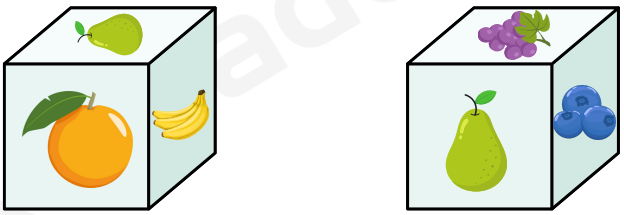


A. 48 B. 60 C. 63 D. 64 E. 76

5. One of the six stickers shown below was placed on each of the six faces of a die.



The next picture shows the die in two positions.



Which picture is on the face opposite the face with the apple sticker?

A.  B.  C.  D.  E. 



Answers

Sum & Difference - Day 1
CABDB

Regrouping - Day 2
BADDA

Dice - Day 3
BCDBC

Gears - Day 4
ADCBA

Week Review - Day 5
CBCEE

Think Academy

MK 5-POINTERS WORKBOOK

LV1-2

Word Problems



Scan to add MK Expert

WeChat

WhatsApp

Think Academy

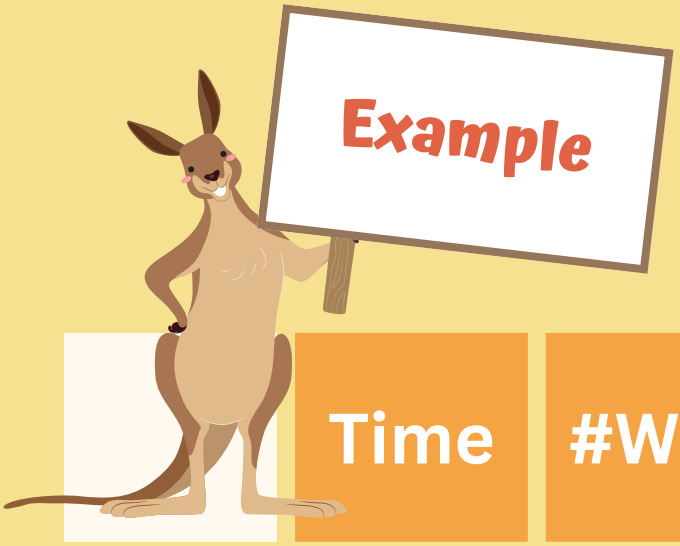


WORKBOOK GUIDELINE



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!

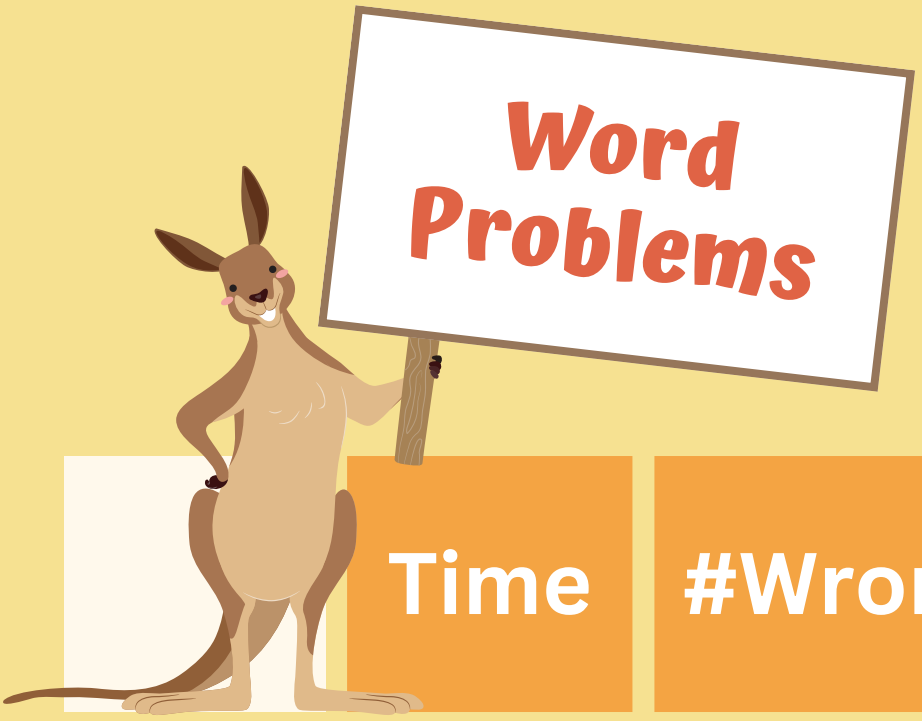
- Each week will cover one topic
- Record your time and accuracy on the tracker
- Use stickers or stamps to record your progress



WEEK 0

	Time	#Wrong	Difficulty
			★ ★ ★
Mon	30 min	2	★ ★ ★

Think Academy



WEEK 4

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

Addition in Sequence

Day 1

1. Every week, Sam saves money in his piggy bank. In the first week, he saves $5. In the second week, he saves $8. For each subsequent week, he saves $3 more than the previous week. How much money does Sam have saved in total after 5 weeks?

A. 52 B. 53 C. 55 D. 58 E. 75



2. Alice receives 3 pencils this week. From the second week, every week she receives 4 more pencils than she receives the previous week. For example, she receives 3 pencils in the first week and 7 pencils in the second week. How many pencils will she have in total after 7 consecutive weeks from now on?

A. 56 B. 59 C. 78 D. 105 E. 136



3. Rachel has 80 marbles in her collection. She plays it everyday. On Monday, she lost 1 marble. On Tuesday, she lost 3 marbles. She loses 2 more than the previous day. On Sunday, how many marbles will remain in her possession?

A. 16 B. 31 C. 44 D. 55 E. 60



4. Michael, the balloon enthusiast, decides to inflate balloons as a hobby. In the first hour, he inflates 8 balloons. Starting from the second hour, every hour, he inflates 2 more balloons than the previous hour. If Michael inflates for 6 hours, how many balloons will be floating around his room in total?

A. 44 B. 60 C. 78 D. 98 E. 100



5. Sophia has a garden where she plants sunflowers once a week. The first week, she planted 2 sunflowers. The number of sunflowers she plants doubles every week. After nurturing her garden for 4 weeks, if no sunflower withers, how many sunflowers in total will be blossoming?

A. 16 B. 26 C. 30 D. 36 E. 42



Sale Question

Day 2

1. If 1 notebook costs $2 and there is a special offer where you can buy 5 notebooks for $8, how many notebooks at most can you buy with $26?

A. 13 B. 14 C. 15 D. 16 E. 17



2. If 1 pizza costs $12 and there's a deal where you can buy 3 pizzas for $30, how many pizzas at most can you buy with $102?

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



3. A bottle of shampoo costs $5. There's a sale where you can buy 4 bottles for $18. How many bottles of shampoo at most can you buy with $59?

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



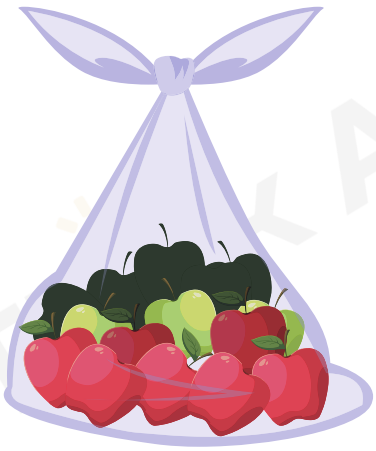
4. The whole class including the teacher are going to watch a movie together. There are 25 students in the class and the teacher is buying the ticket. A movie ticket costs $8. There's a promotion where you can buy 4 tickets for $28. Will the teach be able to get enough tickets with $173?

A. Yes B. No C. Not known



5. Judy wants to buy 14 bags of apples for her friends. A bag of apples costs $6. There's a sale where you can buy 4 bags for $20. Will Judy be able to get enough bags of apples with $74?

A. Yes B. No C. Not known



Think Academy

Equal Problem

Day 3

1. A farmer has two baskets. There are 16 apples in the basket on the left, and the other basket is empty. Starting tomorrow, the farmer will put 1 apples in the basket on the left and 3 apples in the basket on the right every day. In how many days will the two baskets have the same number of apples?

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

2. A baker has two jars. There are 15 cookies in the jar on the left, and the other jar is empty. Starting tomorrow, the baker will put 1 cookies in the jar on the left and 4 cookies in the jar on the right every day. In how many days will the two jars have the same number of cookies?

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

3. A fisherman has two buckets. There are 18 fish in the bucket on the left, and the other bucket has 6 fish. Starting tomorrow, the fisherman will put 1 fish in the bucket on the left and 3 fish in the bucket on the right every day. In how many days will the two buckets have the same number of fish?

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

4. A painter has two paint cans. There are 22 liters of paint in the can on the left, and the other has 12. Starting tomorrow, the painter will put 2 liters of paint in the can on the left and 4 liters of paint in the can on the right every day. In how many days will the two cans have the same amount of paint?

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

5. A shopkeeper has two boxes of pens. There are 24 pens in the box on the left, and the other box has 10 pens. Starting tomorrow, the shopkeeper will put 1 pens in the box on the left and 3 pens in the box on the right every day. In how many days will the two boxes have the same number of pens?

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

Think Academy

Compare Problem

Day 4

1. There are some lemons and 12 limes in a bag, each of them is either green or yellow. There are five more lemons than the total number of green fruits. There are 4 yellow limes. How many yellow lemons are there in the bag?

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

2. In a box, there are some squares and 10 triangles, each of them is either pink or purple. There are five more square than the total number of pink color. There are 7 purple triangles. How many purple squares are there in the basket?

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

3. There are some donuts and 18 chocolate on the table, each of them is either strawberry or banana favor. There are 6 more donuts than the total number of strawberry flavor. There are 7 banana flavor chocolate. How many banana donuts are there on the table?

A. 15 B. 16 C. 17 D. 18 E. 19

4. There are some ice creams and 10 smoothie in the shop, each of them is either cherry or vanilla flavor. There are seven more ice creams than the total number of cherry flavor. There are 5 cherry smoothie. How many vanilla ice cream are there?

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

5. There are some books and 13 pens in the classroom, each of them is either white or black color. There are 10 more books than the total number of white color. There are 7 white pens. How many black books are there?

A. 9 B. 11 C. 13 D. 15 E. 17

Review

Day 5

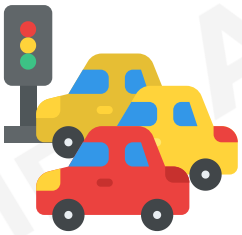
1. Jason has a special garden where he grows magical beans. He plants 2 beans on the first day. Each day, the number of beans he plants doubles. After planting beans for 4 days, how many beans will be sprouting in his garden?

A. 30 B. 28 C. 24 D. 20 E. 16



2. Lucas has a growing collection of toy cars. He starts with buying 4 toy cars and each week he buys 4 more cars than the previous week. After collecting toy cars for 5 weeks, how many cars will he have in total?

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



3. If 1 cupcake costs $2 and there's a deal where you can buy 10 cupcakes for $15, how many cupcakes at most can you buy with $51?

A. 25 B. 27 C. 30 D. 33 E. 35



4. In a market, there are some clothes and 20 pants, each of them is either grey or green color. There are 8 more clothes than the total number of grey color. There are 9 green pants. How many green clothes are there in the market?

A. 17 B. 19 C. 21 D. 23 E. 25

5. There are some roses and 17 lilies in the garden, each of them is either pink or yellow color. There are thirteen more roses than the total number of pink color. There are 8 pink lilies. How many yellow roses are there in the garden?

A. 17 B. 18 C. 19 D. 20 E. 21



Answers

Addition in Sequence - Day 1
CDBCC

Sale Question - Day 2
DBEBA

Equal Problem - Day 3
DABAC

Compare Problem - Day 4
EDCDE

Week Review - Day 5
ABDBE