



# EMC 数学检定考试比赛 2019

EDUKIDS MATHEMATIC CONTEST

幼儿组/ Pre-school

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比赛时间：1 小时

Time: 1 hour

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## 注意事项

### GENERAL INSTRUCTIONS

1. Do not open the booklet until told to do so by your teacher.  
未获监考老师许可之前不可翻开此比赛试卷。
2. This question paper consists of 30 questions. The top 20 questions are multiple choice questions, each with four options. The last 10 questions require answer or proof process.  
本试卷共有 30 题。最前 20 题为选择题，每题有四个选项。最后 10 题要写出答案或证明过程。
3. Diagrams are NOT drawn to scale. They are intended only as aids.  
题目所提供之图形只是示意图，不一定精准。
4. Neither mathematical tables nor calculators may be used.  
不准使用数学表或计算器。
5. Write your answers in the answer boxes on the **separate answer sheet** provided.  
答案请另填写在所提供的作答卷的指定位置上。
6. Marks are awarded for correct answers only.  
只有正确的答案才能得分。
7. We reserves the right to re-examine students' results before deciding whether to grant official status to their score.  
为确保竞赛之公平及公正，主办单位保留要求考生重测之权利。

1-10 题，每题 3 分

Question 1-10, 3 marks are given for each question

1

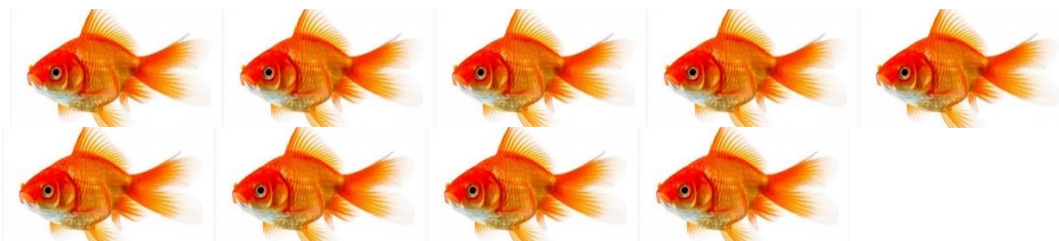


图 1

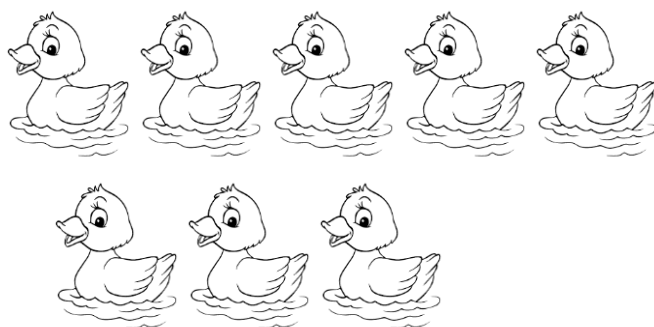
Diagram 1

图 1 有多过 7 条金鱼，对吗？

Diagram 1 shows that there are more than 7 goldfishes, right?

- A 对，一共有 8 条金鱼  
Yes, there are 8 goldfishes altogether.
- B 错，一共只有 6 条金鱼  
No, there are only 6 goldfishes.
- C 对，一共有 9 条金鱼  
Yes, there are 9 goldfishes altogether.
- D 错，一共只有 5 条金鱼  
No, there are only 5 goldfishes.

2



有几只小鸭？

How many ducks are there?

- A 5
- B 6
- C 7
- D 8

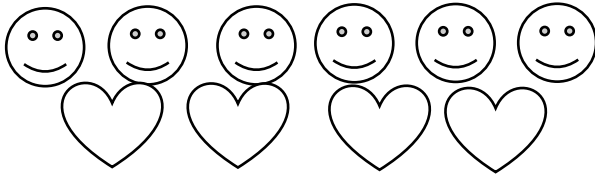
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3 9 比 4 \_\_\_\_\_。  
9 is \_\_\_\_\_ than 4.

- A 小 smaller
- B 大 greater
- C 相同 equivalent to
- D 少 less

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4



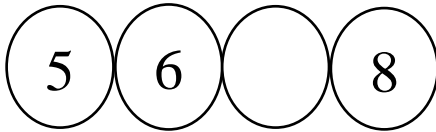
☺ 比 ♥ \_\_\_\_\_。

☺ is \_\_\_\_\_ than ♥

- A 多 more
- B 少 less
- C 大 greater
- D 小 smaller

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5

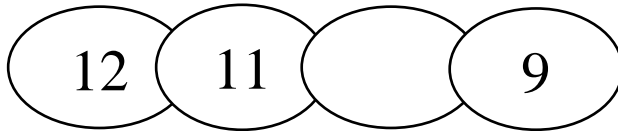


空格里的数是 \_\_\_\_\_。

The number in the blank space is \_\_\_\_\_.

- A 5
- B 6
- C 7
- D 8

6



空格里的数是\_\_\_\_\_。

The number in the blank space is \_\_\_\_\_.

- A 8
- B 9
- C 10
- D 11

7

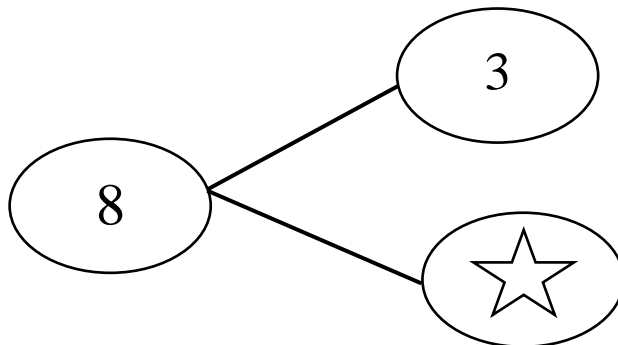
计算:

Calculate:

$$3 + (\quad) = 9$$

- A 5
- B 6
- C 7
- D 8

8

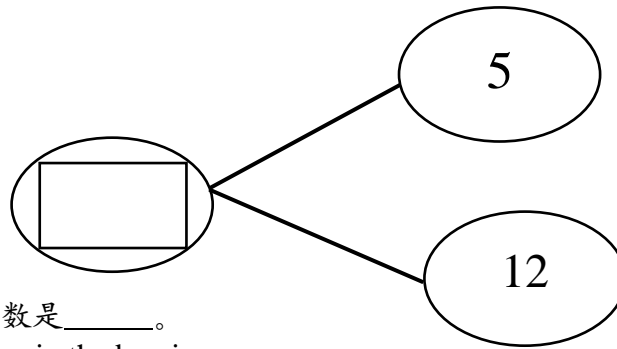


★的数是\_\_\_\_\_。

The number of ★ is \_\_\_\_\_.

- A 4
- B 5
- C 6
- D 7

9



格子里的数是\_\_\_\_\_。

The number in the box is \_\_\_\_\_.

- A 7
- B 9
- C 15
- D 17

10 计算:

Calculate:

$$1 + 2 + 4 + 6 = ?$$

- A 3
- B 7
- C 13
- D 16

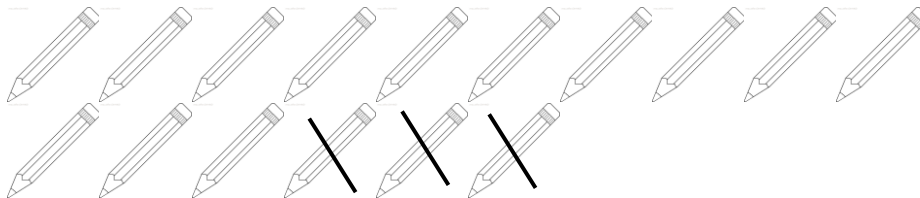
11-20 题, 每题 4 分

Question 11-20, 4 marks are given for each question

11  $11 + 6 =$ 

- A 15
- B 16
- C 17
- D 18

12



- A 13
- B 12
- C 11
- D 10

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13 18 - 11 =

- A 4
- B 5
- C 6
- D 7

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14



这是多少钱?

How much is this?

- A RM5
- B RM6
- C RM7
- D RM8

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15 我们在吃\_\_\_\_\_。

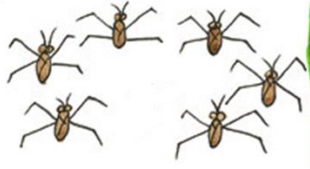
We are having \_\_\_\_\_.

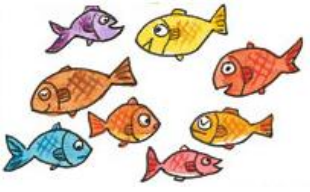



- A 早餐 breakfast
- B 午餐 lunch
- C 晚餐 dinner
- D 夜宵 supper

- 16 哪个搭配是错的?  
Which pair is wrong?

A  五 Five

B  六 Six

C  八 Eight

D  九 Nine

- 17 一群小朋友在排队做体操。小丽的左边有 5 个人，她的右边有 6 人。这一群小朋友共有几人?

A group of children are standing in a line to do exercise. There are 5 children to the left of Xiao Li and 6 children to her right. How many children are there altogether?

- A 11  
B 12  
C 13  
D 14

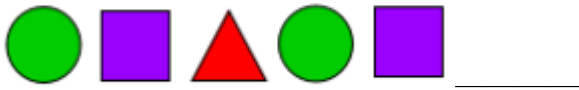
- 18 姐姐今年 8 岁，她比妹妹大三岁。两年后，妹妹几岁?

Elder sister is 8 years old this year and she is three years older than her younger sister. How old will her younger sister be two years later?

- A 5  
B 7  
C 10  
D 11

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19 按照规律，接下来的图形是哪个？  
Based on the pattern, which shape goes next?



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20 两支铅笔、一把尺和两块橡皮擦。总共有几样文具？  
There are two pencils, a ruler, and two erasers. How many stationeries are there altogether?

- A 4
- B 5
- C 6
- D 7

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21-30 题，每题 5 分  
Question 21-30, 5 marks are given for each question

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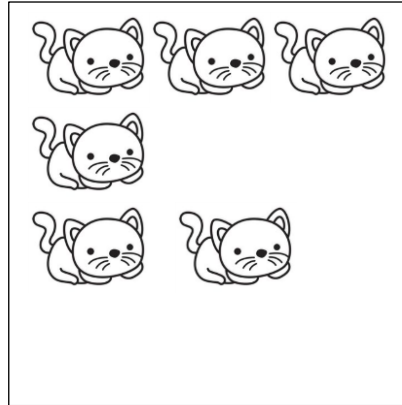
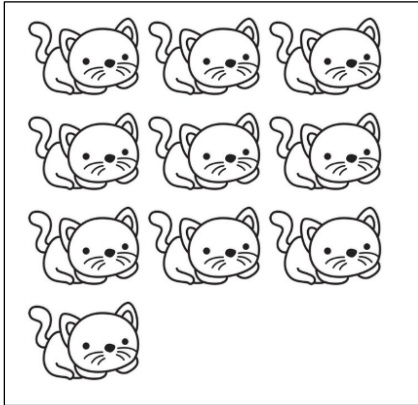
21



图片中有几只动物？  
How many animals are there in the picture?



22





总共有几只小猫？

How many kittens are there altogether?

23

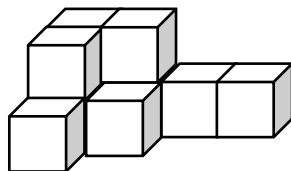
$$\triangle + \bigcirc = 10$$

 是 is \_\_\_\_\_

 是 is \_\_\_\_\_


24 数一数，共有几个小方块？


Count, how many cubes are there altogether?




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25  + 7 = 10

 - 3 = 2

 = \_\_\_\_\_

 = \_\_\_\_\_

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26 老师手上拿着一个数字卡，那个数字比9大，却比12小，那是什么数字？  
(只写出一个数字)

A teacher is holding a number card. The number is greater than 9 but smaller than 12.  
What could the number be? (Write only one number)

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27



由矮到高顺序排列: \_\_\_\_\_

Arrange from the shortest to the tallest in ascending order:

\_\_\_\_\_

- 
- 28 有一群小朋友多过 5 个人但少过 15 个人在排队，每队有 4 个人，多出 1 个人，请问可能有多少小朋友？  
A group of more than 5 but less than 15 children are queuing up. Each team has 4 children with one extra child. How many children could there be?

- 
- 29 上体育课，陈老师分给 4 个男生和 3 个女生每人 1 个球，剩下 2 个球。老师原有多少个球？  
During a Physical Education (P.E.) lesson, Teacher Chen gave 4 male students and 3 female students a ball each, and 2 balls were left. How many balls did Teacher Chen have at first?

- 
- 30 哥哥用 RM7.00 买了一盒蜡笔和一支铅笔。一盒蜡笔 RM4.00。哪个比较贵，一盒蜡笔或一支铅笔？  
Elder brother spent RM 7.00 to buy a box of crayons and a pencil. The box of crayons costs RM 4.00. Which is more expensive, the box of crayons or the pencil?

**\*在对的格子打/，并写出价钱**

**Tick the correct box and write down the price.**

一盒蜡笔  ， 贵了 RM\_\_\_\_\_

A box of crayons  ， RM \_\_\_\_\_ more expensive.

一支铅笔  ， 贵了 RM\_\_\_\_\_

A pencil  ， RM \_\_\_\_\_ more expensive.

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完

~TAMAT~

END