

Exercise 1 : Calculate the following numbers, showing the steps of the calculation:

Exercise 2 : Complete the following equalities with a relative number:

Exercise 3 : During a TV show, Emma, Chloé, and Nathan each have to answer 8 questions. For each correct answer, the player earns 5 points; they lose 1 point if they don't answer, and lose 3 points for a wrong answer. Emma answers only 4 questions, of which two are wrong. Chloé answers all the questions, with 6 correct answers. Nathan answers the first 5 questions correctly but doesn't answer the rest. Who wins? Justify.

Exercise 4 : In this exercise, the number inside a circle is the product of the two numbers inside the circles located below it. Complete the pyramid below:

Exercise 5 : Complete:

Exercise 6 : The following calculation program is given: Choose a number , Subtract 6 , Multiply the result by itself

1. Choose the number -4 as the starting number. Show that the result obtained is 100:
2. Choose the number 15 as the starting number. What is the result obtained?
3. What number could be chosen as the starting number to obtain a result of 144? Justify your answer.

Bonus Exercise : Find the odd one out and explain your choice

练习 1: 计算下列数字, 并展示计算步骤:

练习 2: 用相对数完成下列等式:

练习 3: 在一档电视节目中, Emma、Chloé 和 Nathan 各需回答 8 个问题。每答对一个问题, 玩家可得 5 分; 答错一个问题则扣 1 分, 答错一个问题则扣 3 分。Emma 只答对了 4 个问题, 其中两个是错的。Chloé 答对了所有问题, 答对了 6 个。Nathan 答对了前 5 个问题, 但没有答对其余问题。谁赢了? 请说明理由。

练习 4: 在本练习中, 圆圈内的数字是其下方圆圈内两个数字的乘积。完成下面的金字塔:

练习 5: 完成:

练习 6: 给出以下计算程序: 选择一个数字, 减去 6, 将结果乘以自身。

1. 选择数字 -4 作为起始数。说明所得结果为 100:
2. 选择数字 15 作为起始数。所得结果是多少?
3. 选择哪个数字作为起始数可以得到 144 的结果? 解释你的答案。

附加练习: 找出不同的数字并解释你的选择。