

START

MEAN, MEDIAN AND MODE QUEST

Help the adventurer reach the treasure by solving each step!



1 The adventurers find 5, 7, 9, 11 and 13 gems. What is the mean number of gems?

Answer:

Clue: This number is the first digit of the code to open the bridge.

2 The bridge opens! On the other side, they see 6, 10, 14, 18 and 22 flowers. What is the median number of flowers?

Answer:

Clue: This number is the second digit of the cave entrance code.

3 Inside the cave, there are these bats: 4, 4, 7, 7, 7, 9. What is the mode number of bats?

Answer:

Clue: This number is the number of steps up the hill.

4 At the top of the hill, they find crystals: 2, 4, 6, 8, 10. What is the mean number of crystals?

Answer:

Clue: This number is the first digit of the treasure chest code.

5 They find starfish: 3, 3, 5, 5, 5, 7, 9. What is the mode number of starfish?

Answer:

Clue: This number is the second digit of the treasure chest code.

6 They collect shells: 2, 5, 8, 12, 24. What is the median number of shells?

Answer:

Clue: This number is the third digit of the treasure chest code.

7 In a basket, they have 8, 10, 12, 4, 11, 3. What is the mean number of items in the basket?

Answer:

Clue: This number is the last digit of the treasure chest code.

8 They enter the 4-digit code to open the chest. What is the code?

Answer:

Clue: Use your answers from steps 4, 5, 6 and 7 in order.

9 The chest opens! They find coins: 20, 25, 30, 35, 40. What is the median number of coins?

Answer:

Clue: This number is how many coins the dragon wants to share!

10 The dragon will share treasures with the adventurers. He has 6, 6, 7, 8, 8, 6 toys. What is the mode number of toys?

Answer:

Clue: This number is how many toys each adventurer receives!

FINISH!
You did it!

