Starburst 2 – Grade 2   Addition and Logic Puzzles
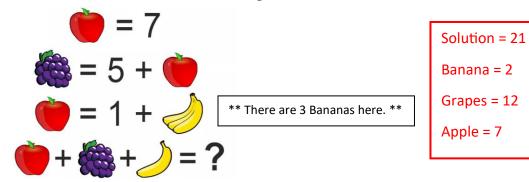
Name: **KEY**

Graders: 25 points total. 2 points for each solution. Partial credit for answers can be given. Use your best judgement.

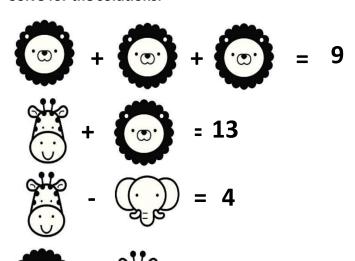**What is the value of all three fruits together?**

$$🍎 = 7$$
$$🍇 = 5 + 🍎$$
$$🍎 = 1 + 🍌$$ ** There are 3 Bananas here. **
$$🍎 + 🍇 + 🍌 = ?$$

Solution = 21

Banana = 2

Grapes = 12

Apple = 7

What is the sum of <u>one</u> coconut shell, one apple, and the bananas?

$$🍎 + 🍎 + 🍎 = 30$$
$$🍎 + 🍌 + 🍌 = 18$$
$$🍌 - 🥥 = 2$$
$$🥥 + 🍎 + 🍌 = ??$$

Solution = 15

Apple = 10

Bunch of bananas = 4

One coconut shell = 1

Joyce is making a fruit salad. She has 14 pieces of apple, 17 pieces of strawberries, 13 pieces of banana, and 6 pieces of kiwi. How many pieces does she have all together?

14 + 17 + 13 + 6 = 50

Solve for the solutions.

(lion) + (lion) + (lion) = **9**

(giraffe) + (lion) = **13**

(giraffe) - (elephant) = **4**

(lion) + (giraffe) + (elephant) = **?**

(bear) + (bear) = **10**

(bear) + (tiger) + (tiger) = **17**

(tiger) + (bear) = **?**

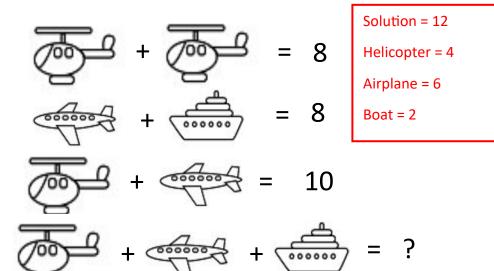**A zoo has 2 tigers, 5 bears, 6 giraffes, 5 elephants, and 9 lions. How many animals do they have all together?**

2 + 5 + 6 + 5 + 9 = 27

Solve for the solution.

🚁 + 🚁 = 8

✈️ + 🚢 = 8

🚁 + ✈️ = 10

🚁 + ✈️ + 🚢 = ?

Solution = 12

Helicopter = 4

Airplane = 6

Boat = 2

🚗 + 🚲 = 7

🚚 + 🚲 = 6

🚗 + 🚲 + 🚚 = 9

Car = 3

Bike = 4

Truck = 2

🚗 = ?   🚲 = ?   🚚 = ?

In the parking lot there are 13 cars, 9 bikes, and 18 trucks. How many are there all together?

13 + 9 + 18 = 40