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| Platinum |
| The Amazon tribe need to buy potatoes to cook for lunch. A large bag has 2000 potatoes and a medium bag has 3/5 of a large bag. The tribe leader says ‘I need 1500 potatoes so I will need to buy a large bag’. Is he correct? Explain your reasoning. There are 36,000 animals in the Amazon Rainforest. 4/6 of them are insects. Stephanie says ‘That means there are 54,000 insects.’ Clearly Stephanie is wrong because 54,000 is higher than 36,000. Can you spot what she has done wrong and explain her mistake?  |

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| Bronze |
| 1. Perry the poison dart frog catches 450 flies. He eats 4/9 of them. How many flies does he eat?
2. A monkey has 240 bananas. It loses 2/6 of them. How many bananas has the monkey lost?
3. There are 640 species of plants in the Amazon Rainforest. 5/8 of them are poisonous. How many poisonous plants are there?
4. There are 360 Kapok trees in the rainforest. Last year 4/6 of them were chopped down. How many trees were chopped down?
5. It costs £960 for a flight to Brazil. I have 3/8 of the money saved up. How much money have I saved?
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| Silver |
| 1. There are 450 species of birds in the Amazon Rainforest. 6/9 of them are parrots. How many birds are not parrots?
2. There are 840 long-horned beetles. Last year the amount of beetles increased by 4/7. How many beetles are there now?
3. It costs £480 to go on an excursion into the rainforest. I have 5/12 of the money saved up. How much more money do I need?
4. Last year, 810 people visited the Amazon Rainforest. This year it is expected that the number of people will increase by 2/9. How many people will visit the Amazon Rainforest this year?
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| Gold |
| 1. A bullet ant lays 24,000 eggs. 4/6 of them hatch. A beetle lays 30,000 eggs. 2/5 of them hatch. Which insect hatches most eggs?
2. In the Amazon Rainforest there are 56,000 trees. Last year 4/7 of them were cut down.

In Daintree Rainforest there are 64,000 trees. 2/8 of them were cut down. Which rainforest has the least amount of trees left?1. A trip around all the rainforests in the world costs £42,000. Mia has saved up 4/6 of the money and Hannah has saved up 5/7 of the money. How much have they saved in total? How much more money do they need?
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**Task –** Try to answer as many questions as you can from the table above. Which level can you get to?

**How to find fraction of amounts**

Divide by the bottom and times by the top. This means that you divide the amount by the denominator and then multiply that by the numerator to get the answer. For example:

**What is 5 of 96?**

 **12**

**Step 1**: Divide by the bottom: 96 ÷ 12 = 8

**Step 2**: ...and times by the top: 8 x 5 = 40

 5 of 96 = 40

12