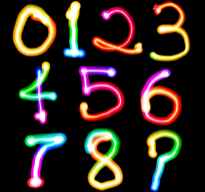
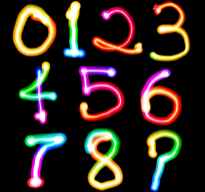
*TERM 3 FAMILY MATHS CHALLENGE*

**Here is the Term 3 Family Maths Challenge. I look forward to seeing many responses.**

**The theme for this challenge is MONEY.**

**Get your solutions in by Wednesday 11th September.**

**Responses can be given to Mr Crowe or emailed to Mr Crowe at** [**jcrowe@sjvermont.catholic.edu.au**](mailto:jcrowe@sjvermont.catholic.edu.au)

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| **CHALLENGE ONE**  **SO MANY COINS**  I have 5 coins in my pocket.  How much money might I have?  Can you find 3 different totals? | **CHALLENGE TWO**  **SPORTS SHOPPING**  A soccer ball and basketball cost $34 altogether.  The soccer ball costs $8 more than the basketball.  How much does the basketball cost? | **CHALLENGE THREE**  **MONEY BAGS**  Lucy divided 15 gold coins among 4 small bags.  She labelled each bag with the number of coins inside it. She could then pay any sum of money from 1 gold coin to 15 gold coins without opening any bag.  How many coins did Lucy put in each bag? | **CHALLENGE FOUR**  **WHICH WOULD YOU CHOOSE?**  Would you rather ……   * Have 10% of of $5 or 75% of 80 cents? * Be given 60 % of 2 pizzas or 26% of 5 pizzas? * Be bitten by 15% of 120 mosquitoes or 8% of 250 mosquitoes? * Sit in a traffic jam for 33% of 2 hours or 44% of 1 hour and 40 minutes.   Make sure you explain your reasoning clearly. |