

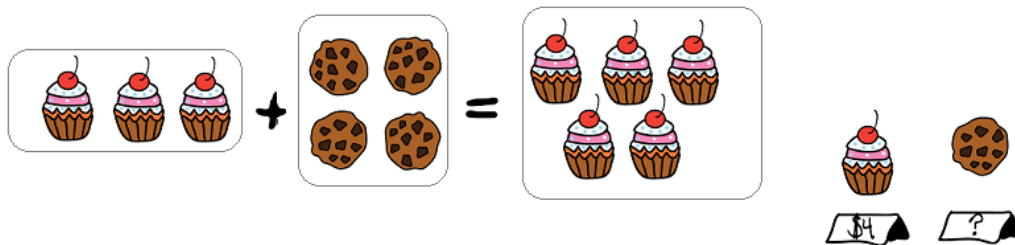
Noetic Learning Math Contest Sample Problems

Grade 4

1) How many 2-digit counting numbers are even?

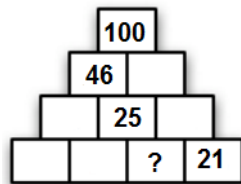
Answer: _____

2) Three cupcakes and four cookies cost the same as five cupcakes. If a cupcake costs \$4, how much does a cookie cost?



Answer: \$ _____

3) In the following number pyramid, the sum of two numbers side by side equals the number directly above them. What number should go in the box with the question mark?



Answer: _____

4) Kelsey, Rose, Gabby, Lily and Tina went to a movie together. After they sat down, Kelsey and Rose switched seats. Then Tina and Kelsey switched seats. Finally, Gabby and Tina switched seats. At the end Kelsey sat in seat A, Rose sat in seat B, Gabby sat in seat C, Lily sat in seat D and Tina sat in seat E. Who sat in seat C at the beginning?

Answer: _____

5) Jane asked about her grandma's age. Her grandma answered, "Well, I am six years younger than your grandpa. Your dad's age is half of your grandpa's age. And we both know that your age is one-quarter of your dad's age." Jane is nine years old. How old is Jane's grandma?



Answer: _____ years old

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Grade 4 Answer Keys

- 1) 45
- 2) \$2
- 3) 8
- 4) Rose
- 5) 66 years old