

Daily Dilemma #4: Activity

Name _____

Date _____

1. Sandy wanted to know the age of the lion at Lowry Park Zoo. She was told that if she added 14 to the age of the lion and doubled it, the lion would be 46 years old. How old was the lion? (2pts.)

Work:

Answer: _____

2. Peter went fishing with his dad. He found that when he turned the reel on his fishing rod 5 times, the hook went down 3 feet. How many times did he have to turn the reel to catch a fish that was 27 feet under the water? (4 pts.)

Turns of the reel												
Depth of the hook												

Write a sentence that describes how the depth of the hook changed as the reel turned.

3. The perimeter of a triangle was 387mm. Each of two of its sides was 126mm. What is the length of the unknown side? (2 pts.)

Work:

Answer: _____

4. All of the houses on George's street are either white, yellow, or blue. There are 3 times as many white houses as yellow houses. There are 7 more yellow houses than blue houses. There are 4 blue houses. How many houses are there on George's street? (2 pts.)

Work:

Answer: _____

5. Madison wanted to bake her sister a round birthday cake. Because her sister plays soccer, she placed 14 little soccer balls around the upper edge of the cake. Then she placed candles between the soccer balls. How old is Madison's sister if her age is equal to the number of candles placed on the cake? (2pts.)

Work:

Answer: _____