Name _____ Date _____

Math Homework

Answer each question. Be sure to show how you solved each problem.

1) Josh has 5 mini pizzas to share with 4 friends. Two pizzas have mushrooms, 2 have pepperoni, and 1 is plain. Jasmine only eats plain pizza. Zach won't eat mushrooms or onions. Carly and Owen will eat pepperoni and mushrooms, but no onions. Josh will eat any kind of pizza. If Josh cuts each mini pizza in half, how should he divide up the halves so each person gets 2 halves each? How much pizza will be left over?

2) Ryan gets allowance money every day. On Monday he gets 5 cents. On Tuesday he gets 12 cents. On Wednesday he gets 19 cents. On Thursday he gets 30 cents. On Friday he gets 35 cents. How much will he get on Saturday? How much will he have by the 12th day? The 16th day? When will he be able to buy a new bicycle?

3) Will's family is planning a summer car trip. They have 2 weeks to drive from Los Angeles to New York. Along the way they will stop for 2 days in Duluth, Minnesota, to visit Aunt Nina and for 1 day in Pittsburgh, Pennsylvania, to see Uncle Hubert. The mom and dad will each drive half of each day. Dad drives at 55 mph and Mom drives at 65 mph. If they make 4 rest stops of 20 minutes each every day plus a 30-minute lunch break, how long will the whole trip take? You can use a map to help you solve the problem.

4) Emma was 3 feet tall when she was 4 years old. She was 4 feet, 1 inch when she was 8 years old. At age 10 she was 4 feet, 8 inches tall. At age 15 she was 5 feet, 3 inches. How old will she be when she is 5 feet, 7 inches tall?

5) John's hair grows half an inch every 2 weeks. He got his hair cut on November 19. The barber took off 1 inch and John's hair was 4 inches long when he was done. On December 19 he went back to the barber and had another half inch cut off. He wants to get 1 inch cut off at his next haircut, and he wants his hair to end up being 5 inches long. When should he go to the barber next?

Ask your parents for help with these impossible math problems.