

CHRISTMAS MATH



1. Santa Claus needs to leave the North Pole precisely at 6 p.m. on Christmas Eve to make sure he can complete his tour around the world. However, it takes him 2 hours and 15 minutes to get ready, harnessing his reindeer to his sleigh, loading all the presents, and printing out his list and maps. What time does he need to start preparing before he leaves?

2. Each of Santa's reindeers needs to have one nut snack and one fruit snack during their journey with Santa on Christmas Eve, and they also need two bottles of water each on the same trip. Santa has nine reindeer. How many snacks, including both fruit and nuts, and how many bottles of water does Santa need to pack for his reindeer for his trip?

3. The Red and Green Club is planning a Christmas party for all 3rd grade classes at Clausville Elementary School. They want to buy Christmas presents for each student. There are three different third grade classes; one has 19 students, one has 21 students, and the last one has 25 students. How many gifts will they need to buy?

4. The Red and Green Club has \$10 to spend on each of the gifts for the students above. How much will they spend on gifts all together?

5. The Red and Green Club also has to buy party food. They are making cupcakes iced with red and green icing, with turkey sandwiches and chips. They want one cupcake per student, one sandwich per student, and one mini bag of chips for each student. The sandwiches will cost \$1.00 each. What will the total be for the sandwiches?

6. The Christmas party for Clausville Elementary School starts at 3:00 and will go for one and a half hours. At what time will the party be over?

7. Santa Claus expects to visit 115 homes in Frost Town, and three times that amount of homes in Caroling Village. How many homes will he visit in Caroling Village?

8. It will take Santa 45 minutes to fly from Yuk Tuk to Springville. From Springville he will fly to Tiki Tiki, which takes 4 minute; then 3 minutes to Wheresville, 3 minutes to Whoosh Palace, and 2 minutes to Toy Bay. How long will it take him all together, from Yuk Tuk until he arrives in Toy Bay?

