

Name: \_\_\_\_\_

1. Little John rode the 28 miles to Sherwood Forest at a leisurely pace. He stayed too long at Robin's lair and had to double his speed on the way back in order to get home in time. If his total traveling time was 12 hours, how fast did he travel in each direction? What were his times?

2. A picture has a height that is  $\frac{4}{3}$  its width. It is to be enlarged to have an area of 192 square inches. What will be the dimensions of the enlarged picture?

3. The Smiths have decided to put a paved walkway of uniform width around their swimming pool. The pool is a rectangular pool that measures 12 feet by 20 feet. The area of the walkway will be 68 square feet. Find the width of the walkway.