Solving Ratio Problems

I can solve ratio problems.

Solve these ratio problems, showing your working out.

1. In a fruit bowl, there are 2 oranges for every 3 apples. If there are 15 apples, how many oranges are there?

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2. Rupra is picking strawberries. For every 5 strawberries she puts in her basket, she eats 2. If she picks 28 strawberries, how many does she eat and how many does she put in the basket?

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3. A bag of sweets contains red sweets and yellow sweets. The ratio of red to yellow is 3:7. If there are 40 sweets altogether, how many yellow sweets are there?

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4. Jack has 30 sweets. He shares his sweets with his friend. When he gives his friend a sweet, he has 2 for himself. How many sweets do they each have?

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5. In a field, there are some sheep and some goats. The ratio of sheep to goats is 3:1. If there are 3 goats, how many sheep are there?

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6. Lucy has a necklace which has red beads and blue beads. For every red bead, there are four blue beads. There are 20 beads in total. How many of these are blue?

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7. In the school choir, there are 30 children. The ratio of girls to boys is 4:1. How many boys are in the choir?

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8. Tasneem brings some sweets to school on her birthday. In the bag, there are chocolates and toffees. The ratio of chocolates to toffees is 5:3. If there are 40 sweets, how many are chocolates?

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