Ratio puzzles

Use the ratio to answer each question.

Name: _____

Score: _____ / 6

1. The ratio of red beads to blue beads is 1 : 6. There are 35 beads in all. How many are red beads? _____

2. The ratio of pencils to pens is 1 : 2. There are 9 things to write with in all. How many are pencils? _____

3. The ratio of pencils to pens is 4 : 1. There are 24 pencils. How many pens are there? _____

4. The ratio of apples to oranges is 2 : 5. There are 10 apples. How many oranges are there? _____

5. The ratio of red beads to blue beads is 4 : 3. There are 42 beads in all. How many are red beads? _____

6. The ratio of apples to oranges is 1 : 6. There are 14 pieces of fruit in all. How many are apples? _____

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Answer key: Ratio puzzles

1. 5 red beads (35 ÷ 7 = 5, and 1 × 5 = 5)
2. 3 pencils (9 ÷ 3 = 3, and 1 × 3 = 3)
3. 6 pens (24 ÷ 4 = 6, and 1 × 6 = 6)
4. 25 oranges (10 ÷ 2 = 5, and 5 × 5 = 25)
5. 24 red beads (42 ÷ 7 = 6, and 4 × 6 = 24)
6. 2 apples (14 ÷ 7 = 2, and 1 × 2 = 2)