Ratio puzzles

Use the ratio to answer each question.

Name: _____

Score: _____ / 6

1. The ratio of apples to oranges is 1 : 5. There are 42 pieces of fruit in all. How many are apples? _____

2. The ratio of red beads to blue beads is 2 : 3. There are 25 beads in all. How many are red beads? _____

3. The ratio of pencils to pens is 1 : 3. There are 28 things to write with in all. How many are pencils? _____

4. The ratio of cats to dogs is 3 : 2. There are 10 pets in all. How many are cats? _____

5. The ratio of apples to oranges is 1 : 6. There are 6 apples. How many oranges are there? _____

6. The ratio of cats to dogs is 1 : 5. There are 18 pets in all. How many are cats? _____

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Answer key: Ratio puzzles

1. 7 apples (42 ÷ 6 = 7, and 1 × 7 = 7)
2. 10 red beads (25 ÷ 5 = 5, and 2 × 5 = 10)
3. 7 pencils (28 ÷ 4 = 7, and 1 × 7 = 7)
4. 6 cats (10 ÷ 5 = 2, and 3 × 2 = 6)
5. 36 oranges (6 ÷ 1 = 6, and 6 × 6 = 36)
6. 3 cats (18 ÷ 6 = 3, and 1 × 3 = 3)