

Name: _____

Date: _____ Score: _____

Equivalent Ratio Word Problems

Solve the given problems.

1. The ratio of apples to melons is 30:1. If there are 300 apples, how many melons are there?

2. The ratio of boys to girls in a school is 2:1. If there are 150 girls, how many boys are there?

3. In a company there are 20 Americans. If the ratio of Americans is Asians 1:3, how many Asians are there?

4. 10 students are vegetarian and 25 are non-vegetarian. What is the ratio of the number of students who are vegetarian to those who are non-vegetarian? Express the ratio in the simplest form.

5. The ratio of oranges to pears is 2:5. If there are 20 oranges, how many pears are there?

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Equivalent Ratio Word Problems

Answers

1. The ratio of apples to melons is 30:1. If there are 300 apples, how many melons are there?

10

2. The ratio of boys to girls in a school is 2:1. If there are 150 girls, how many boys are there?

300

3. In a company there are 20 Americans. If the ratio of Americans is Asians 1:3, how many Asians are there?

60

4. 10 students are vegetarian and 25 are non-vegetarian. What is the ratio of the number of students who are vegetarian to those who are non-vegetarian? Express the ratio in the simplest form.

2:5

5. The ratio of oranges to pears is 2:5. If there are 20 oranges, how many pears are there?

50
