

Name:

Two Types of Division Problems

Directions: Each of the following division problems can be categorized as using division in one of two ways. Start by complete each problem, and explain your reasoning for each.

1. Juan has 43 apples. He put them into bags containing 3 apples each. How many bags must Juan use?
2. Jill paid 234 cents for 6 apples. What was the cost of 1 apple (in cents)?
3. Mark has 37 apples. He wants to share them equally among his four friends. How many apples will each friend receive?
4. The bag has 492 jelly beans, and Aidan and her thirteen friends want to share them equally. How many jelly beans will Aidan and each of her friends get?
5. Yolanda has to pick a college class. There are 12 courses offered, and each course is taught by three different instructors. How many options does Yolanda have?
6. Jill bought apples at five cents an apple. The total cost of her apples was 350 cents. How many apples did Jill buy?
7. Jumbo the elephant loves peanuts. His trainer has 576 peanuts. If he gives Jumbo 12 peanuts each day, how many days will the peanuts last?

Brainstorm what you think the two types of division problems are and then state which division problems are of each type.