

Finding Rules for Sharing Machines

A machine shares equally among 3 people.
Complete the table.

Sharing Machine		
Contents of Each Input Package	Number of Packages That Come Out	Contents of Each Output Package
1 12 pears	3	_____ pears
2 _____ grapes	3	9 grapes
3 18 carrots	3	_____ carrots
4 30 raisins		10 raisins
5 _____ peaches	3	8 peaches
6 21 tomatoes	3	_____ tomatoes

- 7 Write a division sentence to show what the machine will do with 21 tomatoes.



Test Prep

- 8 There are 89 students and 12 adults going on a school trip. Each van can carry 15 people. If each van is filled before the next one is started, how many people will be in the last van? Explain how you found your answer.

