

Two-Step Division

Word Problems

1. There are seventeen boys and fourteen girls in a class. The children sit at tables of 4. How many tables are needed?

2. A pencil factory makes 463 pencils in one hour, but 32 are found to be faulty. The pencils are sold in packs of 12. How many packs will be filled by the non-faulty pencils?

3. A teacher has 2 boxes of pencils. One has 173 pencils and the other 149 pencils. He puts the pencils together and shares them equally into 7 pots. How many pencils will there be in each pot?

4. A grocer has 189 baking potatoes. The grocer puts 75 baking potatoes out individually and bags the rest of the potatoes into packs of 6. How many packs of 6 does the grocer make?

5. A toy warehouse has 156 packs of 3 cars. The cars are to be re-boxed in packs of 5. How many packs of 5 can be made from these cars?

6. A sports trust organises a football competition. 23 teams of 11 players enter, and 176 individual players who want to be made into new teams. If all the individual players are made into new teams of 11 players, how many teams will play in the competition?

7. Marbles are sold in bags of 25. A marble machine produces 1892 marbles per hour. How many bags of 25 marbles can be filled from the marbles made by this marble machine in six hours?

8. A sports shop has 45 boxes of tennis balls, each with 3 tennis balls. It also has 129 tennis balls which are put into boxes of 3 tennis balls. How many boxes are there altogether?

Two-Step Division Word Problems

Answers

1. There are seventeen boys and fourteen girls in a class. The children sit at tables of 4. How many tables are needed?
8 tables
2. A pencil factory makes 463 pencils in one hour, but 32 are found to be faulty. The pencils are sold in packs of 12. How many packs will be filled by the non-faulty pencils?
35 packs
3. A teacher has 2 boxes of pencils. One has 173 pencils and the other 149 pencils. He puts the pencils together and shares them equally into 7 pots. How many pencils will there be in each pot?
46 pencils
4. A grocer has 189 baking potatoes. The grocer puts 75 baking potatoes out individually and bags the rest of the potatoes into packs of 6. How many packs of 6 does the grocer make?
19 bags
5. A toy warehouse has 156 packs of 3 cars. The cars are to be re-boxed in packs of 5. How many packs of 5 can be made from these cars?
93 packs
6. A sports trust organises a football competition. 23 teams of 11 players enter, and 176 individual players who want to be made into new teams. If all the individual players are made into new teams of 11 players, how many teams will play in the competition?
39 teams
7. Marbles are sold in bags of 25. A marble machine produces 1892 marbles per hour. How many bags of 25 marbles can be filled from the marbles made by this marble machine in six hours?
454 bags of marbles

8. A sports shop has 45 boxes of tennis balls, each with 3 tennis balls. It also has 129 tennis balls which are put into boxes of 3 tennis balls. How many boxes are there altogether?

88 boxes