

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 9. 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 9 players enter, and 135 individual players who want to be made into new teams. If all the individual players are made into new teams of 9 players, how many teams will play in the competition?

7. Marbles are sold in bags of 8. A marble machine produces 192 marbles per hour. How many bags of 8 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?

Answers
on the
next
page

1. There are seventeen boys and fourteen girls in a class. The children sit at tables of 4. How many tables are needed?
 $17+14=31$ $31 \div 4 = 7 r 3$ 8 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 9. How many packs will be filled by the non-faulty pencils? $463-32=431$
 $431 \div 9 = 47r8$ 47 packs will be filled with 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? $173+149=322$ $322 \div 7 = 46$ There will be 46 pencils 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?
 $189-75=114$ $114 \div 6 = 19$ There will be 19 packs of potatoes.
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? $156 \times 3 = 468$ $468 \div 5 = 93r3$ There will be 93 packs of 5 cars.

6. A sports trust organises a football competition. 23 teams of 9 players enter, and 135 individual players who want to be made into new teams. If all the individual players are made into new teams of 9 players, how many teams will play in the competition? $135 \div 9 = 15$ $15 + 23 = 38$ There will be 38 teams in the new competition.

7. Marbles are sold in bags of 8. A marble machine produces 192 marbles per hour. How many bags of 8 marbles can be filled from the marbles made by this marble machine in six hours? $192 \times 6 = 1152$ $1152 \div 8 = 144$ There will be 144 bags made 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? $129 \div 3 = 43$ $43 + 45 = 88$
There will be 88 boxes of 3 tennis balls