

TARGET To interpret remainders appropriately for the context.

Examples

There are 6 children to each table. There are 27 children in a class. How many tables are needed? $27 \div 6 = 4 \text{ r } 3$ (Round up.) Answer 5 tables are needed.

There are four cakes in each box. 30 cakes are baked. How many boxes can be filled? $30 \div 4 = 7 \text{ r } 2$ (Round down.) Answer 7 boxes can be filled.

A

1 There are 29 children in a class. How many pairs can be made?

2 Christmas cards are sold in packs of 10. Nina needs 32 cards. How many packs will she need?

3 Each car can carry 3 children. How many cars are needed to carry 16 children?

4 A garage has 26 tyres. How many cars can each be given 4 new tyres?

5 There are five sweets in each bag. How many bags can be made from 48 sweets?

6 A teacher hears six children read every day. How many days will it take her to hear the 28 children in her class?

B

1 How many 3 m lengths can be cut from 50 m of rope?

2 Four tennis balls can fit into one can. How many cans are needed for 42 balls?

3 Tommy has 100 matchsticks. How many hexagons can he make?

4 Each pack holds eight tomatoes. How many packs can be made from 46 tomatoes?

5 Verity saves 10p coins. How many will she need to collect before she has saved £1.25?

6 A baker makes 75 muffins. They are sold in boxes of twelve. How many boxes can be made up?



C

1 How many complete weeks are there in 125 days?

2 There are 110 guests at a wedding. They will sit at tables of eight. How many tables will be needed?



3 Theatre tickets cost £19 each. How many tickets can be bought with £100?

4 A ribbon is two metres long. How many 12 cm lengths can be cut from the ribbon?

5 Each crate holds 20 bottles. How many crates are needed for 450 bottles?

6 Glasses hold 150 ml. How many glasses will be needed to take four litres of juice?