

On this page you will learn to make sensible decisions about rounding up or down after division.

Examples

How many £6 tickets can I buy with £87?

$$87 \div 6 = 14 \text{ remainder } 3$$

Answer 14 tickets can be bought.



An egg box holds 6 eggs.

How many boxes do I need to hold 87 eggs?

$$87 \div 6 = 14 \text{ remainder } 3$$

Answer 15 boxes are needed.

Yoghurts are sold in packs of four.

How many packs can be made from 50 yoghurts?

$$50 \div 4 = 12 \text{ remainder } 2$$

Answer 12 packs can be made.

Kyle saves £4 each week. How many weeks will it take him to save £50?

$$50 \div 4 = 12 \text{ remainder } 2$$

Answer It takes 13 weeks.

A

- 1 One lorry can carry 8 containers. How many lorries are needed to carry 55 containers?
- 2 There are 40 straws in each packet. How many packets can be made up from 300 straws?
- 3 An egg box holds 6 eggs. How many boxes can be filled with 40 eggs?
- 4 A car can carry 3 children as passengers. How many cars are needed to carry 40 children?
- 5 How many teams of 4 can be made from a class of 31 children?
- 6 Jennifer saves 30p every day. How many days will it take her to save £2?
- 7 10 CDs can be stored in a rack. How many racks are needed to store 123 CDs?
- 8 A train fare is £5. How many tickets can be bought for £78?
- 9 For a fancy dress costume Natalie needs ribbons which are 80 cm long. How many can she cut from 5 metres of ribbon?



- 10 8 children can sleep in a large tent. How many tents are needed for 60 children?

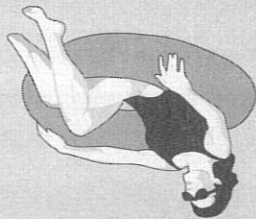
1 Cough sweets are sold in packets of 12. How many packets can be made up from 200 sweets?

2 Each money bag holds 30 coins. How many bags are needed for 1000 coins?

3 How many 11-a-side football teams can be made up from 140 players?

4 A garden centre can fit 8 plants on each tray. How many trays are needed to display 260 plants?

5 Hayley saves £25 each month towards her holiday. How many weeks will it take her to save the £140 she needs?



6 A loaf of bread has 22 slices. A cafe needs 300 slices of bread for sandwiches. How many loaves does the cafe owner need to buy?

7 A village hall can fit 24 chairs into one row. How many rows are needed to seat 300 people?

8 Pencils are packed into boxes of 15. How many boxes can be filled with 265 pencils?

9 A car transporter can carry 12 cars. How many transporters are needed to carry 340 cars?

10 Cakes cost 45p. How many can be bought for £12?

C

1 There are beds for 14 patients in each ward of a hospital. How many wards are needed for 90 patients?

2 There are 80 drawing pins in each box. How many boxes can be filled from 1000 drawing pins?

3 Video tapes are sold in packs of 8. How many packs can be made from 142 tapes?

4 Safraz wants to buy a bicycle which costs £200. He saves £15 each week. How many weeks will it take to save the £200 he needs?

5 A coach trip party stops at a cafe where the teas cost 60p. How many teas can be bought for £20?

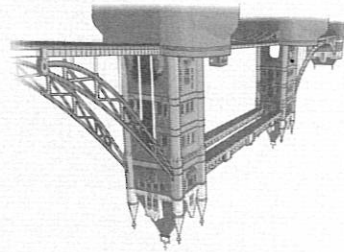
6 Apples are packed in boxes of 20. How many boxes are needed to store 450 apples?

7 How many 6-a-side football teams can be made up from 83 players?

8 The tables at a wedding reception seat 12 people. There are 100 guests. How many tables are needed?

9 There are 40 beads in a necklace. How many necklaces can be made from 350 beads?

10 A whole school is planning a trip to London. One coach can carry 52 passengers. How many coaches are needed to carry all 340 passengers?



B