



Share equally, and find what is left over.



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Most Remainders in real-life problems

Name _____

Decide whether to round the answer up or down.

Page 1 of 2

- 1** 3057 photos are put into albums holding 16 photos each. How many albums are needed?

 albums

- 2** 8819 g of flour is weighed into bags of 21 g. How many full bags are made?

 bags

- 3** 468 photos are put into albums holding 24 photos each. How many albums are needed?

 albums

- 4** 1158 children sit at lunch tables. Each table seats 14. How many tables are completely full?

 tables

- 5** 6547 books are carried in crates holding 24 books each. How many crates are needed?

 crates

- 6** 1616 stickers are shared into full packs of 20. How many full packs are there?

 packs

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Remainders in real-life problems: answers

All Share equally, and find what is left over.

1 82 sheets $1148 \div 14 = 82$

2 1 cards $276 \div 11 = 25 \text{ r } 1$

3 77 apples $847 \div 11 = 77$

4 10 chairs $400 \div 13 = 30 \text{ r } 10$

5 13 sheets $182 \div 14 = 13$

6 11 chairs $3274 \div 13 = 251 \text{ r } 11$

7 280 sheets $3920 \div 14 = 280$

8 2 conkers $1410 \div 11 = 128 \text{ r } 2$

9 194 tickets $2522 \div 13 = 194$

10 4 flowers $676 \div 12 = 56 \text{ r } 4$

11 202 screws $2828 \div 14 = 202$

12 9 beads $1901 \div 11 = 172 \text{ r } 9$

Most Decide whether to round the answer up or down.

1 192 albums $3057 \div 16 = 191 \text{ r } 1$, so 192

2 419 bags $8819 \div 21 = 419 \text{ r } 20$, so 419

3 20 albums $468 \div 24 = 19 \text{ r } 12$, so 20

4 82 tables $1158 \div 14 = 82 \text{ r } 10$, so 82

5 273 crates $6547 \div 24 = 272 \text{ r } 19$, so 273

6 80 packs $1616 \div 20 = 80 \text{ r } 16$, so 80

7 69 albums $1435 \div 21 = 68 \text{ r } 7$, so 69

8 174 bags $4182 \div 24 = 174 \text{ r } 6$, so 174

9 194 albums $3489 \div 18 = 193 \text{ r } 15$, so 194

10 77 tables $851 \div 11 = 77 \text{ r } 4$, so 77

11 33 crates $976 \div 30 = 32 \text{ r } 16$, so 33

12 461 packs $5539 \div 12 = 461 \text{ r } 7$, so 461

Some Write the remainder as a fraction or a decimal.

1 4 $\frac{3}{5}$ bars $138 \div 30 = 4 \text{ r } 18$; $\frac{18}{30} = \frac{3}{5}$

2 30.6 litres $918 \div 30 = 30 \text{ r } 18$; $\frac{18}{30} = 0.6$

3 9 $\frac{3}{10}$ baguettes $186 \div 20 = 9 \text{ r } 6$; $\frac{6}{20} = \frac{3}{10}$

4 219.3 kg $4386 \div 20 = 219 \text{ r } 6$; $\frac{6}{20} = 0.3$

5 10 $\frac{3}{10}$ pies $515 \div 50 = 10 \text{ r } 15$; $\frac{15}{50} = \frac{3}{10}$

6 159.3 metres $7965 \div 50 = 159 \text{ r } 15$; $\frac{15}{50} = 0.3$

7 11 $\frac{3}{5}$ bars $348 \div 30 = 11 \text{ r } 18$; $\frac{18}{30} = \frac{3}{5}$

8 148.1 kg $2962 \div 20 = 148 \text{ r } 2$; $\frac{2}{20} = 0.1$

9 12 $\frac{1}{10}$ bars $726 \div 60 = 12 \text{ r } 6$; $\frac{6}{60} = \frac{1}{10}$

10 161.1 litres $9666 \div 60 = 161 \text{ r } 6$; $\frac{6}{60} = 0.1$

11 11 $\frac{4}{5}$ pies $236 \div 20 = 11 \text{ r } 16$; $\frac{16}{20} = \frac{4}{5}$

12 312.2 ml $6244 \div 20 = 312 \text{ r } 4$; $\frac{4}{20} = 0.2$

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