Word problems: real-life sharing

Name: _____ Date: _____



Mr Boston says: Ask yourself: can anything be left behind? If not, round up.

Read it twice · Write the division · Work it out · Think about the remainder (round up or round down?)

1 84 stickers are shared equally between 4 friends. How many stickers does each friend get?

Answer: _____

2 A minibus holds 9 people. How many minibuses are needed for 50 people?

Answer: _____

3 Eggs are packed in boxes of 6. How many full boxes can be made from 75 eggs?

Answer: _____

4 A 144 cm ribbon is cut into 8 equal pieces. How long is each piece?

Answer: _____

5 Tayo reads a 144-page book. He reads 12 pages every day. How many days does it take?

Answer: _____

6 135 children are going on a school trip. Each coach holds 40 children. How many coaches are needed?

Answer: _____

7 Each pizza is cut into 8 slices. 3 pizzas are shared equally between 6 children. How many slices does each child get?

Answer: _____

8 Tayo saves the same amount every week. After 6 weeks he has £54. How much does he save each week?

Answer: _____

Make up your own

9 Write your own sharing problem for a grown-up to solve.

_____

Answers for grown-ups

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1. **21** (84 ÷ 4 = 21)
2. **6** (50 ÷ 9 = 5 r 5, round up: 6 minibuses)
3. **12** (75 ÷ 6 = 12 r 3, round down: 12 boxes)
4. **18 cm** (144 ÷ 8 = 18)
5. **12** (144 ÷ 12 = 12)
6. **4** (135 ÷ 40 = 3 r 15, round up: 4 coaches)
7. **4** (3 × 8 = 24, 24 ÷ 6 = 4)
8. **£9** (£54 ÷ 6 = £9)

9. Open answer.