



Division problems: sorting activity

Sort the questions below into the following type of division problem:

sharing, grouping or rate

It may help to cut out the questions before sorting them.

1. A car uses 8 litres of fuel to travel 96 miles. How many miles per litre?

2. A take-away meal for 6 people costs £84. Each person pays the same. What does each person pay?

3. An 80-litre bath takes 5 minutes to empty. How many litres per minute?

4. A bus takes 30 people. How many buses are needed for 150 people?

5. A baker sells bread rolls in packs of 4. How many packs can be made up from 64 bread rolls?

6. A café takes £81 in tips. There are 3 waitresses and each gets an equal share of the tips. How much does each get?

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Now match the calculations to the appropriate questions above. There are three calculations that do **not** match a question.

a. $150 \div 30 = 5$

b. $96 \div 4 = 24$

c. $64 \div 4 = 16$

d. $96 \div 8 = 12$

e. $80 \div 8 = 10$

f. $30 \div 5 = 6$

g. $81 \div 3 = 17$

h. $80 \div 5 = 16$

i. $84 \div 6 = 14$