



## Interpreting division problems - answers

1. A car uses 5 litres of fuel to travel 64 miles. How many miles per litre?

**$64 \div 5 = 12.8$ . Leave as an exact rate.**

2. The cost of a meal for 5 people is £43. Each person pays the same. What does each person pay?

**$43 \div 5 = 8.6$  Each could pay £8.60 although many people would round up to £9.**

3. An 82 litre bath takes 5 minutes to empty. How many litres per minute?

**$82 \div 5 = 16.4$  litres per minute. Leave as exact rate.**

4. A minibus takes 20 people. How many buses are needed for 65 people?

**$65 \div 20 = 3.25$  A whole number of buses is needed and 3 will not be enough. Round up to 4 buses.**

5. A baker sells bread rolls in packs of 4. How many packs can be filled with 70 bread rolls?

**$70 \div 4 = 17.5$  It's possible to fill 17 packs with 2 left. In this case round down to 17 packs.**

6. A café takes £80 in tips. There are 3 waitresses and each gets the same tip. How much does each get?

**$80 \div 3 = 26.666\dots$  If they each get the same then £26.67 would be too much, so £26.66 is the most (although they might take £26 each and leave the remainder for another day). Round down to £26.66 or £26.**