



## Division problem: sorting activity - answers

Sort the questions into the following type of division problem: **sharing**, **grouping** or **rate**. Then match the calculations to the appropriate questions.

(In the answers below, the letters in brackets beneath the calculations refer to the letters that accompany the worksheet calculations.)

### Sharing

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

$$84 \div 6 = 14$$

(i)

£14

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?

$$81 \div 3 = 17$$

(g)

£17

### Grouping

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

$$150 \div 30 = 5$$

(a)

5 buses

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

$$64 \div 4 = 16$$

(c)

16 packs

### Rate

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

$$96 \div 8 = 12$$

(d)

12 miles per litre

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

$$80 \div 5 = 16$$

(h)

16 litres per minute