

## Ratio

Ex1 Alan and Bill share £21 in the ratio 5:2  
How much does each boy receive?

$$5+2 = 7 \text{ parts}$$

$$7 \text{ parts} = £21$$

$$1 \text{ part} = \frac{£21}{7} = £3$$

$$\text{Alan} \quad 5 \times £3 = £15$$

$$\text{Bill} \quad 2 \times £3 = £6$$

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$$£21$$

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Ex2 Colin, David and Edward share some money in ratio 5:3:2 respectively.  
If David receives £24, how much do the other boys receive?

$$\text{David} \quad £24 = 3 \text{ parts}$$

$$\frac{£24}{3} = £8 = 1 \text{ part}$$

$$\text{Colin} \quad 5 \times £8 = £40$$

$$\text{Edward} \quad 2 \times £8 = £16$$

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