

Ratio Questions Total

- Divide £24 in the ratio 3:1

$$\begin{array}{r} 3:1 \quad 4 \\ \downarrow \quad \downarrow \\ \pounds 18 : \pounds 6 \quad 24 \end{array}$$
- Ann and Bob share some money in the ratio 5:3. Ann gets £20. How much did Bob get?
- Rewrite the ratio 6:2 in the form n:1

$$\begin{array}{r} 6:2 \\ \downarrow \times 0.5 \\ 3:1 \end{array}$$
- Divide £24 in the ratio 7:1

$$\begin{array}{r} 7:1 \quad \text{Total } 8 \\ \downarrow \quad \downarrow \\ \pounds 21 : \pounds 3 \quad 24 \end{array}$$
- Rewrite the ratio 6:2 in the form 1:n

$$\begin{array}{r} 6:2 \\ \downarrow \times \frac{1}{6} \\ 1:0.333 \end{array}$$
- Caz and Daz share some money in the ratio 7:8. Caz gets £24.50. How much does Daz get?
- Divide £60 in the ratio 11:1

$$\begin{array}{r} 11:1 \quad \text{Total } 12 \\ \downarrow \quad \downarrow \\ \pounds 55 : \pounds 5 \quad 60 \end{array}$$
- Rewrite 12:16 in the form 1:n

$$\begin{array}{r} 12:16 \\ \downarrow \times \frac{1}{12} \\ 1:1.333 \end{array}$$
- Eve and Fee share some money in the ratio 4:7. Fee gets £14. How much money was there **in total**?
- Green paint is made by mixing yellow and blue paint in the ratio 2:3. How much blue paint is needed in order to make 4.5 litres of green paint?

$$\begin{array}{r} Y: B \quad \text{Green} \\ 2:3 \quad 5 \\ \downarrow \times 0.9 \quad \downarrow \times 0.9 \\ 1.8:2.7 \quad 4.5 \end{array}$$