

(17) Ratio and Proportion Name _____

Simplify the following ratios

7:21		12:15:3	
24:8:16		100:25	

Write the ratios below in the form 1:n

15:8		24:77	
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Write the ratios below in the form n:1

18:7		32:13	
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Write an equivalent ratio for the each

1:3		4:7	
-----	--	-----	--

Share into the ratios given:

£120 in a 3:4:5 ratio	
50kg in a 7:2:1 ratio	
\$45 in a 5:3:1 ratio	
£72 in a 1:3:4 ratio	

Some money is shared out in a ratio of 5:4:3. Jim has £100, Fred has £80 and Bob is given the smallest share. How much does Bob get?

John and Fred share some cake. John has $\frac{3}{8}$'s and Fred $\frac{5}{8}$'s. Write this as a ratio.

Which is worth more, the smallest share of £300 when shared in a ratio of 3:5:7 or 10% of £650?

The ratio of boys to girls in a class is 3:5. There are 30 girls. How many boys are there?

5 pens cost £1.80. Find out how much 7 pens will cost.

In a recipe for 4 cakes there are 100g of flour, 50g of butter and 40g of sugar. Find out how much you would need of each to make 6 cakes

For every £5 Pete earns, Bob earns £6.50. Find out how much Pete earns if Bob earns £65

A 250ml can of fizzy drink has 15g of sugar in. Find out how much sugar is in a glass with 400ml of fizzy drink in

In a tin of paint, the ratio of red paint to yellow paint is 4:3. There is 1 litre of red paint in the tin. How much yellow paint is in the tin?

Some more money is shared out. Fred gets twice the amount Sue does. Sue gets $\frac{1}{4}$ of what Bob gets. Write this as a ratio.

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