

Sharing in a Ratio *ramp up*

ANSWERS

a Share 20 in the ratio 1 : 4 4 and 16 sharing in a ratio	b Share 35 in the ratio 2 : 5 10 and 25 more than one part each	c Share 10 in the ratio 3 : 1 7.5 and 2.5 shares that are not whole	d Share 60 in the ratio 1 : 2 : 3 10, 20 and 30 a ratio with three parts
e Share 45 so one part is twice the other 15 and 30 a ratio given in words	f Share 50 in the ratio 3 : 7. Find the difference between the shares 20 the difference between shares	g Find b when $a : (a + b) = 3 : 8$ and $a + b = 40$ 25 a part to whole ratio	h $a : b = 3 : 4$ and $a = 12$. Find b 16 one part given, not the total
i $a : b = 2 : 5$ and $b = 30$. Find $a + b$ 42 the total from one part	j $a : b = 2 : 7$ and b is 15 more than a . Find a 6 the difference between parts given	k Find the total when $a : b : c = 2 : 3 : 5$ and $b = 12$ 40 three parts, the middle one given	l $a : b = 3 : 5$ and $a + b = 40$. Add 5 to a . Find $a : b$ 4 : 5 a new ratio after one part changes

The Maths Habit

Sharing in a Ratio *ramp up*

ANSWERS

a Share 20 in the ratio 1 : 4 4 and 16 sharing in a ratio	b Share 35 in the ratio 2 : 5 10 and 25 more than one part each	c Share 10 in the ratio 3 : 1 7.5 and 2.5 shares that are not whole	d Share 60 in the ratio 1 : 2 : 3 10, 20 and 30 a ratio with three parts
e Share 45 so one part is twice the other 15 and 30 a ratio given in words	f Share 50 in the ratio 3 : 7. Find the difference between the shares 20 the difference between shares	g Find b when $a : (a + b) = 3 : 8$ and $a + b = 40$ 25 a part to whole ratio	h $a : b = 3 : 4$ and $a = 12$. Find b 16 one part given, not the total
i $a : b = 2 : 5$ and $b = 30$. Find $a + b$ 42 the total from one part	j $a : b = 2 : 7$ and b is 15 more than a . Find a 6 the difference between parts given	k Find the total when $a : b : c = 2 : 3 : 5$ and $b = 12$ 40 three parts, the middle one given	l $a : b = 3 : 5$ and $a + b = 40$. Add 5 to a . Find $a : b$ 4 : 5 a new ratio after one part changes

The Maths Habit