

<u>Step 1 Division - Sharing</u> <u>Reception</u> I can give out objects fairly Please share these teddies out fairly	<u>Step 2 Division - Sharing</u> <u>Reception</u> I can count how many each person was given How many does each person have?	<u>Step 3 Division - Sharing</u> <u>Reception</u> I can share an even number of objects between 2 people Please share these teddies between us and say how many we have each
<u>Step 4 Division - Sharing</u> <u>Reception</u> I can halve an even number of objects How many in that half?	<u>Step 5 Division - Sharing</u> <u>Reception</u> I can share 6,9,12 or 15 objects between 3 people. $15 \div 3 =$ (with objects)	<u>Step 6 Division - Sharing</u> <u>Year 1</u> I can share 6,9, 12 or 15 objects in to 3 $15 \div 3 =$ (with objects)
<u>Step 7 Division - Sharing</u> <u>Year 1</u> I can share 8, 12, 16 or 20 objects between 4 people. $20 \div 4 =$ (with objects)	<u>Step 8 Division - Sharing</u> <u>Year 1</u> I can share 8, 12, 16 or 20 into 4 $20 \div 4 =$ (with objects)	<u>Step 9 Division - Sharing</u> <u>Year 1</u> I can share equally to solve division problems $20 \div 4 =$ $15 \div 3 =$ (with objects)
<u>Step 10 Division - Grouping</u> <u>Year 1</u> I can make groups of 2,5 or 10 Please put these dinosaurs into piles of 5.	<u>Step 11 Division - Grouping</u> <u>Year 1</u> I can find how many altogether by counting through each group 1,2,3,4,5,....., 6,7,8,9,10....., 11,12,13,14,15 (counting in groups of 5)	<u>Step 12 Division - Grouping</u> <u>Year 1</u> I can find how many altogether by counting in 2s, 5s, or 10s 5,10, 15

<u>Step 13 Division - Grouping objects Year 2</u> I can arrange a division number sentence $15 \div 3 =$ 15 blocks going into piles of 3	<u>Step 14 Division - Grouping objects Year 2</u> I can solve a division number sentence with objects $15 \div 3 =$ 15 blocks going into piles of 3	<u>Step 15 Division - Grouping objects Year 2</u> I can solve division using objects (with remainders) $17 \div 3 = 5 \text{ r } 2$ 17 blocks going into piles of 3												
<u>Step 16 Division Year 2</u> (2, 3, 4 and 5 times tables) I can use a tables fact to learn a division fact $15 \div 3 = 5 \quad 5 \times 3$ (15 blocks going into piles of 3 = 5 piles of 3 blocks)	<u>Step 17 Division - Year 2</u> (2, 3, 4 and 5 times tables) I can use a tables fact to learn a division fact with remainders $17 \div 3 = 5 \text{r}2 \quad 5 \times 3 + 2$ (17 blocks going into piles of 3 = 5 piles in 3 blocks with 2 blocks remaining)	<u>Step 18 Division Year 3</u> (2, 3, 4 and 5 times tables) I can combine 2 facts, from the same table, to solve division $65 \div 5 =$ <table><tr><td>X 5 (lots of)</td><td>65</td></tr><tr><td>10</td><td>50</td></tr><tr><td>3</td><td>15</td></tr><tr><td></td><td>0</td></tr><tr><td colspan="2"> </td></tr><tr><td></td><td>13 lots</td></tr></table>	X 5 (lots of)	65	10	50	3	15		0				13 lots
X 5 (lots of)	65													
10	50													
3	15													
	0													
	13 lots													

<u>Step 19 Division Year 3</u> (2, 3, 4 and 5 times tables) I can combine 2 or more facts, from the same table, to solve division with remainders $68 \div 5 =$ <table><tr><td>X 5 (lots of)</td><td>68</td><td></td></tr><tr><td>10</td><td>50</td><td>→ 18</td></tr><tr><td>3</td><td>15</td><td>→ 3</td></tr></table> <u>13 r 3</u> 13 lots of 5 with 3 remaining	X 5 (lots of)	68		10	50	→ 18	3	15	→ 3	<u>Step 20 Division Year 4</u> (6, 7, 8 and 9 times tables) I can use table facts to find a division fact $45 \div 9 =$ X 9 = 45	<u>Step 21 Division Year 4</u> (6, 7, 8 and 9 times tables) I can use table facts to find a division fact with remainders $47 \div 9 =$									
X 5 (lots of)	68																			
10	50	→ 18																		
3	15	→ 3																		
<u>Step 22 Division Year 4</u> (6, 7, 8 and 9 times tables) I can combine 2 or more facts, from the same table, to solve division $78 \div 6 =$ <table><tr><td>X 6 (lots of)</td><td>78</td><td></td></tr><tr><td>10</td><td>60</td><td>→ 18</td></tr><tr><td>3</td><td>18</td><td>→ 0</td></tr></table> <u>13</u>	X 6 (lots of)	78		10	60	→ 18	3	18	→ 0	<u>Step 23 Division Year 4</u> (6, 7, 8 and 9 times tables) I can combine 2 or more facts, from the same table, to solve division with remainders $80 \div 6 =$ <table><tr><td>X 6 (lots of)</td><td>80</td><td></td></tr><tr><td>10</td><td>60</td><td>→ 20</td></tr><tr><td>3</td><td>18</td><td>→ 2</td></tr></table> <u>13 r 2</u>	X 6 (lots of)	80		10	60	→ 20	3	18	→ 2	<u>Step 24 Division - Smile multiplication tables Year 5</u> I can use a "smile multiplication" fact to find a division fact $150 \div 5 = 30$
X 6 (lots of)	78																			
10	60	→ 18																		
3	18	→ 0																		
X 6 (lots of)	80																			
10	60	→ 20																		
3	18	→ 2																		

<u>Step 25 Division - Smile multiplication tables</u> <u>Year 5</u> I can use a "smile multiplication" fact to find a division fact with remainders $152 \div 5 = 30 \text{ r } 2$															
<u>Step 28 Division - Coin multiplication facts</u> <u>Year 5</u> I can use a coin fact to find a division fact $280 \div 14 = 20$ <table><tr><td>X14</td><td></td></tr><tr><td>1</td><td>14</td></tr><tr><td>2</td><td>28</td></tr><tr><td>5</td><td>70</td></tr><tr><td>10</td><td>140</td></tr><tr><td>20</td><td>280</td></tr><tr><td>50</td><td>700</td></tr></table>	X14		1	14	2	28	5	70	10	140	20	280	50	700	
X14															
1	14														
2	28														
5	70														
10	140														
20	280														
50	700														

<u>Step 26 Division - Smile multiplication tables</u> <u>Year 5</u> I can combine a "smile multiplication" fact with a tables fact to solve division $165 \div 5 =$ <table><tr><td>X 5 (lots of)</td><td>165</td></tr><tr><td>30</td><td>150 → 15</td></tr><tr><td>3</td><td>15 → 0</td></tr><tr><td>33</td><td></td></tr></table>	X 5 (lots of)	165	30	150 → 15	3	15 → 0	33								
X 5 (lots of)	165														
30	150 → 15														
3	15 → 0														
33															
<u>Step 29 Division - Coin multiplication facts</u> <u>Year 5</u> I can use a coin fact to find a division fact with remainders $286 \div 14 = 20 \text{ r } 6$ <table><tr><td>X14</td><td></td></tr><tr><td>1</td><td>14</td></tr><tr><td>2</td><td>28</td></tr><tr><td>5</td><td>70</td></tr><tr><td>10</td><td>140</td></tr><tr><td>20</td><td>280 r 6</td></tr><tr><td>50</td><td>700</td></tr></table>	X14		1	14	2	28	5	70	10	140	20	280 r 6	50	700	
X14															
1	14														
2	28														
5	70														
10	140														
20	280 r 6														
50	700														

<u>Step 27 Division - Smile multiplication tables</u> <u>Year 5</u> I can combine a "smile multiplication" fact with a tables fact to solve division remainders $169 \div 5 =$ <table><tr><td>X 5 (lots of)</td><td>169</td></tr><tr><td>30</td><td>150 → 19</td></tr><tr><td>3</td><td>15 → 4</td></tr><tr><td>33</td><td>r 4</td></tr></table>	X 5 (lots of)	169	30	150 → 19	3	15 → 4	33	r 4							
X 5 (lots of)	169														
30	150 → 19														
3	15 → 4														
33	r 4														
<u>Step 30 Division - Coin multiplication facts</u> <u>Year 5</u> I can combine 2 or more coin facts to solve division $308 \div 14 = 22$ <table><tr><td>X14</td><td></td></tr><tr><td>1</td><td>14</td></tr><tr><td>2</td><td>28</td></tr><tr><td>5</td><td>70</td></tr><tr><td>10</td><td>140</td></tr><tr><td>20</td><td>280</td></tr><tr><td>50</td><td>700</td></tr></table>	X14		1	14	2	28	5	70	10	140	20	280	50	700	
X14															
1	14														
2	28														
5	70														
10	140														
20	280														
50	700														

Step 31 Division - Coin multiplication facts Year 5 I can combine 2 or more coin facts to solve division with remainders 310 ÷ 14 = 22 r2 <table><tr><td>X14</td><td></td></tr><tr><td>1</td><td>14</td></tr><tr><td>2</td><td>28</td></tr><tr><td>5</td><td>70</td></tr><tr><td>10</td><td>140</td></tr><tr><td>20</td><td>280</td></tr><tr><td>50</td><td>700</td></tr></table> 280 + 28 = 308 310 - 308 = 2	X14		1	14	2	28	5	70	10	140	20	280	50	700	Step 32 Division Year 5 I can use a tables fact to find a decimal vision 2.4 ÷ 8 = 0.3	Step 33 Division Year 5 I can combine 2 or more tables facts to solve decimal division 42.4 ÷ 8 = 5.3
X14																
1	14															
2	28															
5	70															
10	140															
20	280															
50	700															