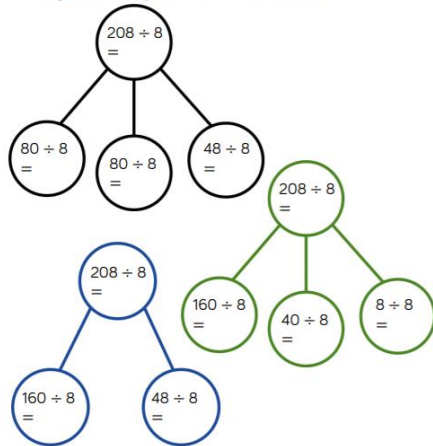


Use this sheet **WHEN** you've completed the main worksheet and want a challenge. Remember to use your blue book if you have it to show your workings. The questions were resourced from White Rose Maths and Target Maths Y4.

1. Dexter is calculating $208 \div 8$ using part-whole models. Can you complete each model?



How many part-whole models can you make to calculate $132 \div 4$?

$208 \div 8 =$	$208 \div 8 =$	$208 \div 8 =$
$80 \div 8 = 10$	$160 \div 8 = 20$	$160 \div 8 = 20$
$80 \div 8 = 10$	$40 \div 8 = 5$	$48 \div 8 = 6$
$48 \div 8 = 6$	$8 \div 8 = 1$	$208 \div 8 = 26$
$208 \div 8 = 26$	$208 \div 8 = 26$	

Example

$$132 \div 4 = 33$$

$$120 \div 4 = 30 \quad 12 \div 4 = 3$$

$$80 \div 4 = 20 \quad 40 \div 4 = 10 \quad 12 \div 4 = 3$$

- 2.

- 17 A tub holds 525 ml of ice cream. It is shared equally between seven dishes. How much is in each dish?
- 18 There are eight flowers in each tray. How many trays can be made from 224 flowers?
- 19 Tickets for a boat trip cost £9 each. Ticket sales total £414. How many tickets have been sold?



$$525 \div 7 = 75$$

You could break this down into 490 (70) and 35 (5)

$$224 \div 8 = 28$$

You could break this down into 160 (20) and 64 (8)

$$414 \div 9 = 46$$

You could break this down into 360 (40) and 54 (6)

- 3.

- 17 Four identical chocolate cream eggs weigh 340 g. What does one weigh?
- 18 An automatic handwash uses 9 ml of liquid of soap every wash. How many washes can be made from 675 ml of soap?

1. $340 \div 4 = 85$
 $320 \div 4 = 80$ and $20 \div 4 = 5$
 One weighs 85g
2. $675 \div 9 = 75$
 $630 \div 9 = 70$ and $45 \div 9 = 5$
 Washes = 75

When you've finished – check your answers using the answers sheet.