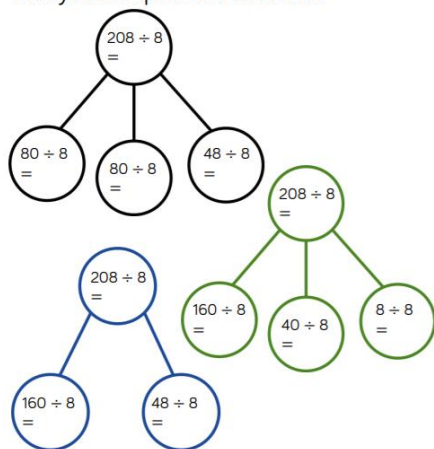20.01.2021 – 3 digits by 1 digit Challenge Sheet

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 ÷ 8 using part-whole models.
Can you complete each model?

208 ÷ 8 =

80 ÷ 8 =    80 ÷ 8 =    48 ÷ 8 =

208 ÷ 8 =

208 ÷ 8 =    160 ÷ 8 =    40 ÷ 8 =    8 ÷ 8 =

160 ÷ 8 =    48 ÷ 8 =

How many part-whole models can you make to calculate 132 ÷ 4?

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?

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?

19 A pie weighs 1422 g. It is cut into six equal slices. How much does each slice weigh?

20 Eight tiles have a total length of 1168 mm. What is the length of one tile in centimetres?

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