

Varied Fluency

Step 6: Divide 4-Digits by 1-Digit

National Curriculum Objectives:

Mathematics Year 5: (5C7b) [Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context](#)

Differentiation:

Developing Questions to support dividing 4-digit numbers by 1-digit numbers using known facts from 2, 3 and 5 times tables. Up to one exchange.

Expected Questions to support dividing 4-digit numbers by 1-digit numbers using known facts from 4, 6 and 8 times tables. Up to two exchanges.

Greater Depth Questions to support dividing 4-digit numbers by 1-digit numbers using known facts from 7 and 9 times tables. Up to three exchanges.

[More resources](#) which follow the same small steps as White Rose.

Did you like this resource? Don't forget to [review](#) it on our website.

Divide 4-Digits by 1-Digit

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1a. Calculate the following.

a. $2,642 \div 2 =$

b. $3,663 \div 3 =$

c. $2,550 \div 5 =$



VF

1b. Calculate the following.

a. $5,105 \div 5 =$

b. $4,624 \div 2 =$

c. $2,193 \div 3 =$



VF

2a. Find the value of A.

3,996		
A	A	A



VF

2b. Find the value of B.

1,505				
B	B	B	B	B



VF

3a. Find the missing number.

a. x 2 = 2,448

b. x 5 = 5,210

c. x 3 = 6,393



VF

3b. Find the missing number.

a. x 3 = 2,133

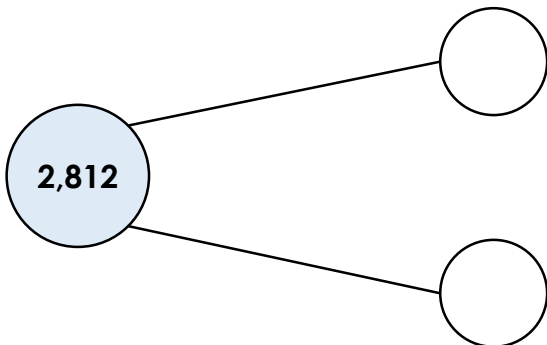
b. x 5 = 1,550

c. x 2 = 1,266



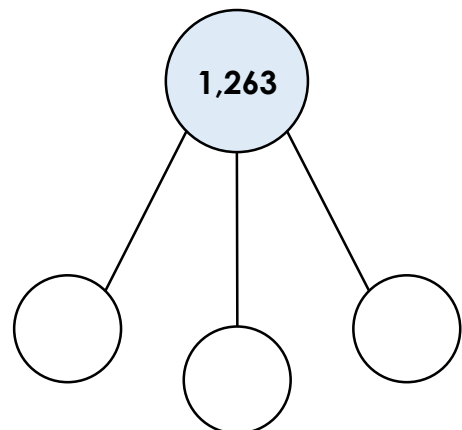
VF

4a. The missing numbers are all equal.
Complete the part whole model.



VF

4b. The missing numbers are all equal.
Complete the part whole model.



VF

Divide 4-Digits by 1-Digit

Divide 4-Digits by 1-Digit

5a. Calculate the following.

a. $4,816 \div 8 =$

b. $1,688 \div 4 =$

c. $2,460 \div 6 =$



VF



VF

6a. Find the value of A.

2,648			
A	A	A	A



VF



VF

6b. Find the value of B.

1,284					
B	B	B	B	B	B

7a. Find the missing number.

a. $\times 6 = 2,406$

b. $\times 8 = 2,488$

c. $\times 4 = 4,164$



VF



VF

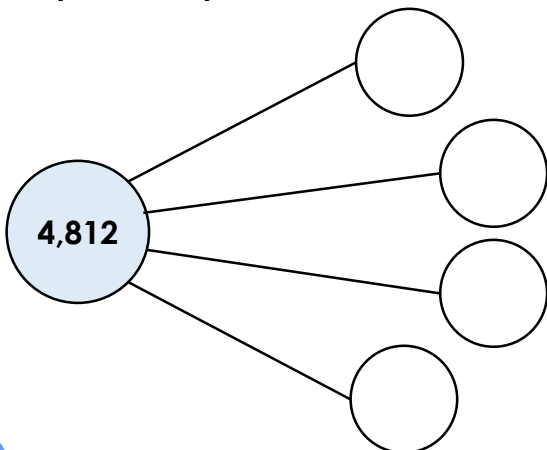
7b. Find the missing number.

a. $\times 4 = 4,124$

b. $\times 8 = 8,816$

c. $\times 6 = 1,266$

8a. The missing numbers are all equal.
Complete the part whole model.

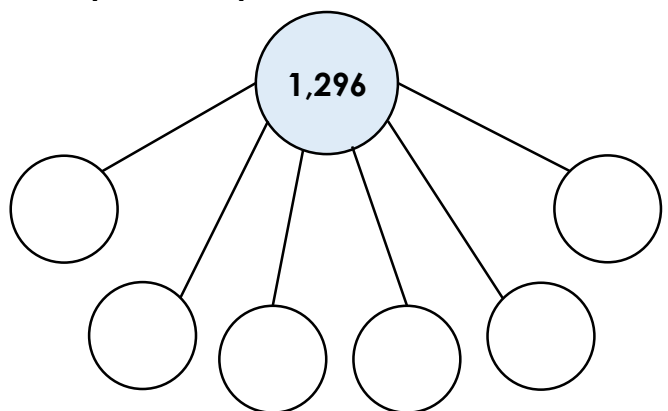


VF



VF

8b. The missing numbers are all equal.
Complete the part whole model.



Divide 4-Digits by 1-Digit

Divide 4-Digits by 1-Digit

9a. Calculate the following.

a. $2,303 \div 7 =$

b. $3,285 \div 9 =$

c. $7,021 \div 7 =$

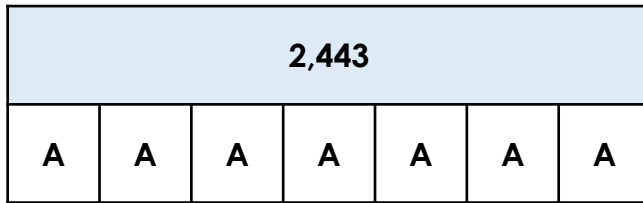


VF



VF

10a. Find the value of A.

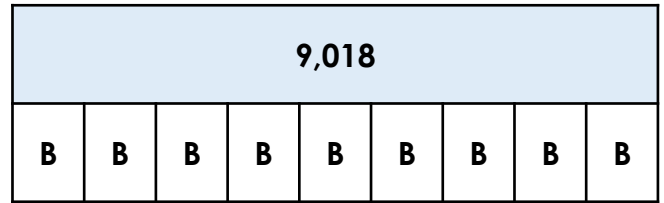


VF



VF

10b. Find the value of B.



11a. Find the missing number.

a. $\times 7 = 5,607$

b. $\times 7 = 7,063$

c. $\times 9 = 1,836$



VF



VF

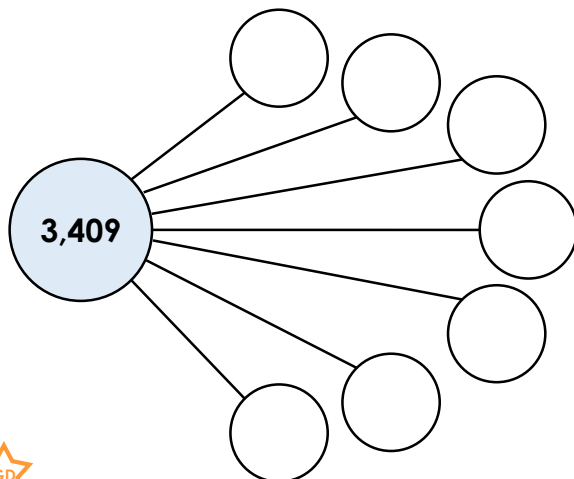
11b. Find the missing number.

a. $\times 9 = 3,672$

b. $\times 9 = 8,019$

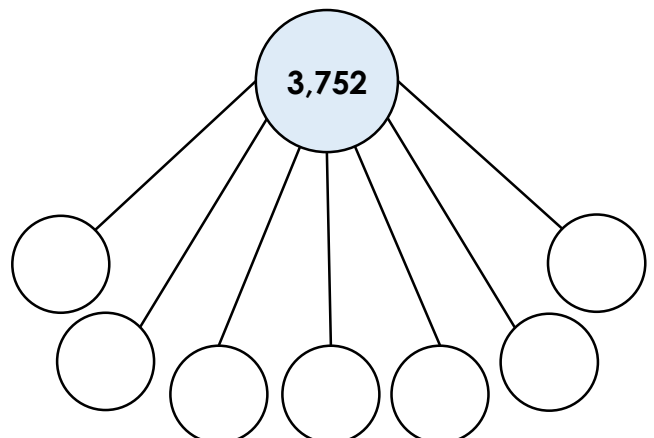
c. $\times 7 = 4,060$

12a. The missing numbers are all equal.
Complete the part whole model.



VF

12b. The missing numbers are all equal.
Complete the part whole model.



VF

Varied Fluency
Divide 4-Digits by 1-Digit

Developing

- 1a. 1,321, 1,221, 510
2a. 1,332
3a. 1,224, 1,042, 2,131
4a. 1,406

Expected

- 5a. 602, 422, 410
6a. 662
7a. 401, 311, 1,041
8a. 1,203

Greater Depth

- 9a. 329, 365, 1,003
10a. 349
11a. 801, 1,009, 204
12a. 487

Varied Fluency
Divide 4-Digits by 1-Digit

Developing

- 1b. 1,021, 2,312, 731
2b. 301
3b. 711, 310, 633
4b. 421

Expected

- 5b. 211, 203, 1,061
6b. 214
7b. 1,031, 1,102, 211
8b. 216

Greater Depth

- 9b. 701, 501, 610
10b. 1,002
11b. 408, 891, 580
12b. 536