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| **KS2 Arithmetic P1 2017****Multiplication** **and division** | **Knowledge/ strategy** | **Pupils who need further teaching to address gaps in understanding****Date** |
| 25÷1= | Any TU÷1Conceptual understanding/ mental |  |
| 505 ÷ 1 =  | Any HTU ÷ 1Conceptual understanding/ mental |  |
|  | Any tables/ division factsNumber fact recall / inverse /mental |  |
|  | Any 3 digit ÷U Notice 581= 560+21 ( multiples of 7)Short division/ mental, check using facts |  |
| 5÷10 | Any U÷10Using understanding of PV/ links with 5/10Using bar model / number line imagery |  |
| 0.4 ÷10 | Any decimal to 1 dp ÷10Using understanding of PV/ mental |  |
|  | Any decimal to 2 dp ÷10Using understanding of PV/ mental |  |
|  | Any TUxU2 part calculation: (30x8) +(3x8) ; use of PVJottings, formal method ; check using facts &PV |  |
|  | Any multiple of 10 x multiple of 10Use related number facts &PV: 3x40 , 30x40, Jottings for each number sentence/ mental |  |
|  | Any HTUxUVertical layout expanded (Short multiplication?)Check with facts eg 100x4; 60x4;7x4 |  |
| 0.9x2 | Any decimal to 1 dp x ULink with fractions/ equivalent decimalseg 9/10 x 2= 18/10= 1.8 |  |

Key stage 2 Arithmetic Paper 2017: multiplication and division

Year 3 and Year 4 (refer to examples in Key stage 1)