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| --- | --- | --- |
| **PAGE 122**(No answers needed) | **PAGE 123****1.**4 x 9 = 36 ➞ 3 + 6 = 95 x 9 = 45 ➞ 4 + 5 = 96 x 9 = 54 ➞ 5 + 4 = 97 x 9 = 63 ➞ 6 + 3 = 98 x 9 = 72 ➞ 7 + 2 = 99 x 9 = 81 ➞ 8 + 1 = 910 x 9 = 90 ➞ 9 + 0 = 9**2.****(a)** 21, 32, 43, 54, 65, 76, 87,98**(b)** 31, 42, 53, 44, 35, 46, 57,48, 39**(c)** 61, 62, 72, 73, 64, 65, 75,76, 67, 68, 78**3.****(a)** even**(b)** even**(c)** odd**(d)** even**(e)** odd**(f)** odd**(g)** even**(h)** even**(i)** odd**(j)** even**4.****(a)** 9 + 6 = 1519 + 6 = 2529 + 6 = 3539 + 6 = 4549 + 6 = 5559 + 6 = 6569 + 6 = 7579 + 6 = 85**(b)** 4 + 8 = 1214 + 8 = 2224 + 8 = 3234 + 8 = 4244 + 8 = 5254 + 8 = 6264 + 8 = 7274 + 8 = 82Rule: Add 8**(c)** 27 – 3 = 2437 – 3 = 3447 – 3 = 4457 – 3 = 5467 – 3 = 6477 – 3 = 7487 – 3 = 8497 – 3 = 94Rule: subtract 3**(d)** 20 – 9 = 1130 – 9 = 2140 – 9 = 3150 – 9 = 4160 – 9 = 5170 – 9 = 6180 – 9 = 7190 – 9 = 81Rule: subtract 9 | **PAGE 124****1.****(a)** 0, 4, 8, 12, 16, 20, 24, 28,32, 36, 40**(b)** 9, 18, 27, 36, 45, 54, 63, 72,81, 90, 99, 108**(c)** 980, 880, 780, 680, 580,480, 380, 280, 180, 80**(d)** 300, 325, 350, 375, 400,425, 450, 475, 500, 525,550, 575**(e)** 250, 500, 750, 1000, 1250,1500, 1750, 2000, 2250,2500, 2750**(f)** 975, 1000, 1025, 1050,1075, 1100, 1125, 1150,1175, 1200**(g)** 1400, 1450, 1500, 550,1600, 1650, 1700, 1750,1800, 1850, 1900**2.****(a)** 4, 8, 12, 16, 20, 24, 28**(b)** 7, 14, 21, 28, 35, 42, 49Rule: Add 7**(c)** 36, 45, 54, 63, 72, 81Rule: Add 9**(d)** 18, 24, 30, 36, 42, 48, 54,Rule: Add 6**(e)** 64, 56, 48, 40, 32, 24Rule: subtract 8**(f)** 156, 135, 114, 93, 72, 51Rule: subtract 21**(g)** 450, 430, 410, 390, 370Rule: subtract 20**(h)** 950, 1000, 1050, 1100,1150, 1200Rule: Add 50**(i)** 4000, 4250, 4500, 4750,5000Rule: Add 250**(j)** 6120, 6020, 5920, 5820,5720Rule: Take away 100 |

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| **PAGE 147****1.****(a)** 4 x 7 = 28 ÷ 7 = 411 x 7 = 77 ÷ 7 = 46 x 7 = 42 ÷ 7 = 68 x 7 = 56 ÷ 7 = 85 x 7 = 35 ÷ 7 = 5**(b)** 2 x 9 = 18 ÷ 9 = 29 x 9 = 81 ÷ 9 = 97 x 9 = 63 ÷ 9 = 73 x 9 = 27 ÷ 9 = 35 x 9= 45 ÷ 9 = 5**(c)** 3 x 8 = 24 ÷ 8 = 37 x 8 = 56 ÷ 8 = 79 x 8 = 72 ÷ 8 = 98 x 8 = 64 ÷ 8 = 86 x 8 = 48 ÷ 8 = 6**2.****(a)** 5 x 12 = 60 so,60 ÷ 12 = 560 ÷ 5 = 12**(b)** 8 x 9 = 72 so,72 ÷ 9 = 8 and72 ÷ 8 = 9**(c)** 6 x 7 = 42 so,42 ÷ 7 = 642 ÷ 6 = 7**(d)** 12 x 8 = 96 so,96 ÷ 12 = 896 ÷ 8 = 12**(e)** 7 x 8 = 56 so56 ÷ 7 = 856 ÷ 8 = 7**3.** 608**4.** 24**5.** €531**Challenge:** 6 | **PAGE 148****1.****(a)** 56, 8, 72, 24, 3, 36, 9, 63**(b)** 81, 9, 45, 15, 90, 9, 72, 8**2.****(a)** 4 x 9 = 36**(b)** 9 x 4 = 36**(c)** 36 ÷ 9 = 4**(d)** 36 ÷ 4 = 9**(a)** 5 x 11 = 55**(b)** 11 x 5 = 55**(c)** 55 ÷ 11 = 5**(d)** 55 ÷ 5 = 11**(a)** 6 x 7 = 42**(b)** 7 x 6 = 42**(c)** 42 ÷ 7 = 6**(d)** 42 ÷ 6 = 7**(a)** 7 x 9 = 63**(b)** 9 x 7 = 63**(c)** 63 ÷ 9 = 7**(d)** 63 ÷ 7 = 9**(a)** 8 x 9 = 72**(b)** 9 x 8 = 72**(c)** 72 ÷ 9 = 8**(d)** 72 ÷ 8 = 9**3.** 13 0**4.** 540 grammes**Challenge:** 40 | **PAGE 149****1.****(a)** 171**(b)** 368**(c)** 228**(d)** 158**(e)** 180**(f)** 240**(g)** 189**(h)** 602**(i)** 395**(j)** 336**(k)** 188**(l)** 603**2.****(a)** 5**(b)** 4**(c)** 4**(d)** 7**(e)** 3**(f)** 4**3.** 4 days12kg unused**4.** 324**Challenge:** 432km | **PAGE 150****1.****(a)** 15**(b)** 28**(c)** 15**(d)** 19**(e)** 13**(f)** 34 R1**(g)** 7 R5**(h)** 20 R3**(i)** 17 R4**(j)** 25 R1**3.****(a)** 8**(b)** €9·50**(c)** €26**(d)** 174**(e)** Louise: €13·50Liam: €15·50**(f)** €39·50**Challenge:** (i) 8100 | **PAGE 151****1.** + €2865**2.** – €7223**3.** + €430**4.** ÷ 18**5.** x 448**6.** x 666**7.** – 2716**8.** – 1656m**9.** ÷ 49**10.** x 675**11.** x 972**Challenge:** (i) 31(ii) 6 | **PAGE 152****1.** 7**2.** 3**3.** 6**4.** 480**5.** 8 R4**6.** certain**7.** 1 in 6**8.** €356**9.** 30 R3**10.** 2/12**11.** €17·25**12.** Pam**13.** 3/100**14.** 4**15.** €32**16.** 2hrs 20mins**17.** 3900**18.** 3**19.** 36cm**20.** 94 R1 |