3rd class maths answers

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| **PAGE 147**  **2.** caterpillar, pupa,  butterfly.  **3.** egg, tadpole, frog | **PAGE 148**  **1.**  **(a)** 26, 15, 4.  **(b)** 86, 97, 88.  **(c)** 67, 58, 59.  **(d)** 46, 56, 66.  **2.**  **(a)** 8, 10, 12, 14.  **(b)** 24, 30, 36, 42, 48.  Add 6 to each number.  **(c)** 3, 9, 18, 21.  Add 3 to each number.  **(d)** 8, 16, 40, 56.  Add 8 to each number.  **(e)** 56, 49, 42.  Subtract 7 from each  number.  **(f)** 81, 72, 63, 54, 45.  Subtract 9 from each  number.  **(g)** 260, 245, 240.  Subtract 5 from each  number.  **(h)** 304, 296, 292, 288  Subtract 4 from each  number.  **3.**  **(a)**  6 + 4 = 10  16 + 4 = 20  26 + 4 = 30  36 + 4 = 40  46 + 4 = 50  56 + 4 = 60  66 + 4 = 70  76 + 4 = 80  **(b)**  8 + 7 = 15  18 + 7 = 25  28 + 7 = 35  38 + 7 = 45  48 + 7 = 55  58 + 7 = 65  68 + 7 = 75  78 + 7 = 85  **(c)**  23 – 10 = 13  33 – 10 = 23  43 – 10 = 33  53 – 10 = 43  63 – 10 = 53  73 – 10 = 63  83 – 10 = 73  93 – 10 = 83  **(c)**  7 – 5 = 2  17 – 5 = 12  27 – 5 = 22  37 – 5 = 32  47 – 5 = 42  57 – 5 = 52  67 – 5 = 62  77 – 5 = 72  **Challenge:** 15 | **PAGE 149**  **1.**  **(a)** 10, 13, 16, 19, 22.  Add 3 to each number.  **(b)** 16, 32, 64.  Multiply each number  by 2.  **(c)** 27, 81.  Multiply each number  by 3.  **(d)** 12, 6, 3.  Divide each number by  2.  **(e)** 449, 443, 437.  Subtract 6 from each  number.  **(f)** 580, 470, 360.  Subtract 110 from each  number.  **(g)** 530, 480, 430.  Subtract 50 from each  number.  **(h)** 333, 222, 111.  Subtract 11 from each  number.  **2.**  **(a)** 2, 2 ½, 3  Add ½  **(b)** 2 ¼, 2 ½  Add ¼  **(c)** 2 ½kg, 3kg  Add ½kg  **(d)** 1 ¼m, 1 ½m  Add ¼m  **3.**  **(a)** 740, 770  **(b)** 610, 590  Subtract 5  **(c)** 714, 414  Subtract 100  **(d)** 784, 744, 704  Subtract 20  **Challenge:** 25 | **PAGE 150**  **(a)** (i) ✗  (ii) ✓  (iii) ✗  (iv) ✗  **(b)** (i) ✗  (ii) ✗  (iii) ✗  (iv) ✓  **(c)** (i) ✓  (ii) ✗  (iii) ✗  (iv) ✗  **(d)** (i) ✗  (ii) ✗  (iii) ✓  (iv) ✗  **(e)** (i) ✗  (ii) ✗  (iii) ✓  (iv) ✗  **(f)** (i) ✓  (ii) ✗  (iii) ✗  (iv) ✓  **2.**  **(a)** 24  **(b)** 11  **(c)** 20  **(d)** 76  **(e)** 136  **(f)** 55  **3.**  **(a)** +  **(b)** –  **(c)** +  **(d)** ÷  **(e)** ÷  **(f)** –  **4.**  **(a)** x, +  **(b)** –, +  **(c)** ÷, +  **(d)** –, x |

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| **PAGE 137**  **1.**  **(a)** 3  **(b)** 1  **(c)** 3 R 1  **2.**  **(a)** 3  **(b)** 3  **(c)** 4) 15  3 R 3  **3.**  **(a)** 18  **(b)** 5  **(c)** 3  **(d)** 18 ÷ 5 = 3 R 3  **4.**  **(a)** 6) 19  3 R 1  **(b)** 21/4 = 5 R 1  **(c)** 5 R 2  5) 27  **(d)** 19/9 = 2 R 1  **(e)** 23 ÷ 7 = 3 R 2  **(f)** 39 ÷ 8 = 4 R 7  **Challenge:** (a) 6  (b) 1 | **PAGE 138**  **1.**  **(a)** 3 R 3 ➔ 15 ÷ 4 ➔ 3 R 3  **(b)** 3 R 4 ➔ 25 ÷ 7 ➔ 3 R 4  **(c)** 4 R 4 ➔ 28 ÷ 6 ➔ 4 R 4  **2.**  **(a)** 2  **(b)** 3, 15 ÷ 6 = 2 R 3  **3.**  **(a)** 4  **(b)** 2, 22 ÷ 5 = 4 R 2  **4.**  **(a)** 4  **(b)** 2, 18 ÷ 4 = 4 R 2  **Challenge:** (a) 3  (b) 2 | **PAGE 139**  **1.**  **(a)** 2) 34  17  **or** 17  2) 34  **(b)** 3) 45  15  **or** 15  3) 45  **(c)** 5) 65  13  **or** 13  5) 65  **(d)** 8) 96  12  **or** 12  8) 96  **(e)** 7) 84  12  **or** 12  7) 84  **(f)** 4) 68  17  **or** 17  4) 68  **(g)** 6) 96  16  **or** 16  6) 96 | **PAGE 140**  **1.**  **(a)** 4) 48  17 R 0  **(b)** 6) 86  14 R 2  **(c)** 7) 87  12 R 3  **(d)** 8) 98  12 R 2  **2.**  **(a)** 5) 75  15 R 0  **(b)** 3) 54  18 R 0  **(c)** 6) 80  13 R 2  **(d)** 4) 83  20 R 3  **3.**  **(a)** 3) 59  19 R 2  **(b)** 7) 91  13 R 0  **(c)** 8) 82  10 R 2  **(d)** 6) 92  15 R 2  **4.**  **(a)** 8) 86  10 R 6  **(b)** 4) 76  19 R 0  **(c)** 2) 96  43 R 1  **(d)** 7) 95  13 R 4  **5.**  Dancer  Guitarist  Magician  Acrobat  Juggler  **6.**  **(a)** M  **(b)** A  **(c)** G  **(d)** I  **(e)** C | **PAGE 141**  **1.** 29  **2.** 8  **3.** 7  **4.** 10  **5.** (a) 10  (b) 6  **6.** 7  **Challenge:** 19 | **PAGE 142**  **1.** 44 ÷ 4 = 11  **2.** 48 ÷ 4 = 12  **3.** (a) 32 ÷ 4 = 8  (b) 32 ÷ 8 = 4  **4.** 18 ÷ 2 = 9  **5.** 27 ÷ 3 = 9  **6.** 63 ÷ 9 = 7  **7.** 60 ÷ 5 = 12  **8.** (32 + 48) ➔ 80 ÷ 8 = 10  **9.** 7 + 32 + 12 = 51 ÷ 7 = 7 R 2 | **PAGE 143**  **1.** parallel  **2.** right angle  **3.** 42  **4.** 11  **5.** K  **6.** 8  **7.** 387  **8.** 180  **9.** 13∙7  **10.** 2  **11.** 10  **12.** 490  **13.** 180  **14.** 4  **15.** 18∙8  **16.** 1∙35  **17.** 68∙4  **18.** 76  **19.** 9  **20.** 8 |