**Maths summer homework pack answer with workings**

**Mini quiz one**

1. 350+280=630 (1 mark)

630/2625x 100 (1 mark)

=24% Ans (1 mark)

2. 350/2625x 100 (1 mark)

=13.3% Ans (1 mark)

3. 280/2625 x 100 (1 mark)

=10.7% Ans (1 mark)

4. 350+280=630 (1 mark)

280/630 x 100 (1 mark)

44.4% Ans (1 mark)

5. 5/100x630 (1 mark)

=(31.5 rounded up to) 32 students Ans (1 mark)

6. 32/100x280 (1 mark)

=(89.6 rounded up to) 90 students Ans (1 mark)

**Mini quiz two**

**1.** 0.95 ans (1 mark) **1b.** 95/100 (1 mark) divide by 5 =19/20ans (1 mark)

2. 0.32 ans (1 mark) 2b 32/100 (1 mark) divide by 4 =8/25 ans (1 mark)

3. 0.02 ans (1 mark) 3b 2/100 (1 mark) divide by 2 =1/50 ans (1 mark)

4. 80/280 (1 mark) divide by 40 =2/7 ans (1 mark)

5. 630-189=441 females (1 mark)

189: 441 divided by 9 (1 mark)

3:7 (1 mark)

6. 32/80 divided by 16 (1 mark)

=2/5 ans (1 mark)

6a 3divided by 8 (1 mark)

0.375x100 (1 mark)

=37.5% (1 mark)

7. 3,21363 round down to 3,00000 (1 mark) round 2,900.up to 3,000

3x3=9 (1 mark)

Add 8 zeros= 9,00000000 Ans (the actual answer is 931,952,700) (1 mark)

**Mini quiz 3**

1. Total number of scores=11

8+ 6+ 14+ 9+13+8+9+8+7+ 7+ 10 divided by 11 (1 mark)

=9 ans (1 mark)

2. 22, 12, 14, 21, 20, 14, 14, 18, 16, 17, 17 Added up divided by 11 (1 mark)

=16.8 ans (1 mark)

3. put the numbers in order 6,7,7,8,8,8,9,9,10,13,14 (1 mark)

The middle number is 6,7,7,8,8,8,9,9,10,13,14 so add 8+9 and divide by 2=8.5 ans (1 mark)

4. 12, 14,14,14,16,17,17,18,20,21,22 (1 mark)

The middle number is 17 ans (1 mark)

5. 8 ans (1 mark)

6. 14 ans (1 mark)

7. 14-6 (1 mark)=8 ans (1 mark)

8. 22-12 (1 mark) =10 ans (1 mark)