1. Right now there are $300+1500+100 = 1900$ spaces, so if it is enlarged proportionally to 2090, the proportion is $\frac{2090}{1900} = \frac{11}{10}$. So the daily spaces portion will be enlarged to $1500 \times \frac{11}{10} = 1650$ spaces, so they will add $1650 - 1500 = \boxed{150}$ spaces.

2. The average of the 4 quarters is $\frac{83+87+93+89}{4} = 88$. So we set up the equation: $.90 = \frac{1}{3}x + \frac{2}{3}.88$, where x is her final exam grade. Solve for x: $.9 - \frac{2}{3}.88 = \frac{1}{3}x = \frac{47}{150}$. Multiply both sides by 3, and you get $x = .94$. $\boxed{94}$

3. $\boxed{19}$

4. $\boxed{128}$

5. $\boxed{1}$

6. $\boxed{1}$

7. $\boxed{2c}$

8. $\boxed{1}$

9. If Peter has h dollars and John has k dollars and Joseph has 3 times of what Peter and John have, then Joseph has $3(h+k)$. The price of the toy is (all their money) - (change), so $h + k + 3(h+k) - 2 = \boxed{4h+4k-2}$.

10. $\frac{2p+3q}{q} = \frac{2p}{q} + \frac{3q}{q} = 2\frac{p}{q} + 3 = \frac{3}{8}$. Subtract 3 from both sides and then divide by 2: $2\frac{p}{q} = \frac{3}{8} - 3 = -\frac{21}{8}$. $\frac{p}{q} = -\frac{21}{8} \times \frac{1}{2} = \boxed{-\frac{21}{16}}$.