Exam Contribution To Final Mark

Quite often I get asked, "What do I need to get on the exam to get a certain mark?" So, here is how that kind of calculation is completed.

Note that the 30% exam mark includes the culminating activity, so the exam itself is only worth 20%.

1. Calculate the marks you have earned toward your final mark so far.

$$Marks\,Earned = \frac{my\,current\,class\,average\,(\%)}{100}\,x\,80$$

e.g. my average right now is 65%, therefore

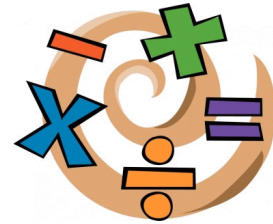$$Marks\,Earned = \frac{my\,current\,class\,average\,(\%)}{100}\,x\,80$$
$$= \frac{65}{100}\,x\,80$$
$$= 52\,marks\,earned\,toward\,final\,mark$$

2. Now determine the marks you need to get the mark you want.

$$Marks\,Needed = Marks\,Wanted - Marks\,Earned$$

e.g. I want to raise my mark from 65% to 70%

$$Marks\,Needed = Marks\,Wanted - Marks\,Earned$$
$$= 70 - 52$$
$$= 18\,marks\,needed\,from\,the\,exam$$

3. Next, determine the % needed on the exam to get that mark.

$$Exam\,\%\,Needed = \frac{marks\,needed}{20}\,x\,100$$

e.g. To get the 70% I want, I need to get

$$Exam\,\%\,Needed = \frac{marks\,needed}{20}\,x\,100$$
$$= \frac{18}{20}\,x\,100$$
$$= 90\,\%\,on\,the\,exam$$

Therefore, to raise my overall mark from 65% to 70% I need to get 90% on the final exam.