

# PMBOK 5TH EDITION FORMULAS

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**What formulas do I need to know for the PMP exam?**

**What is the formula for PMP estimation?** Estimate at Completion It is an estimate and can be calculated by adding the actual cost (AC) of the work that has been completed to the difference between the budget at Completion (BAC) and the earned value (EV) of the project. After that, it is divided by the cost performance index (CPI).

**What formulas do you need to know for the CAPM exam?**

**What is the formula for PMP schedule?** Schedule Variance PMP Summary To calculate SV, subtract your project's planned value (PV) from its earned value (EV):  $SV = EV - PV$ . You will also need to know the value of your project's planned budget at completion (BAC). If your SV is positive, your project is ahead of schedule.

**What is the 50 50 rule in PMP?** With the 50/50 rule, managers assess 50% of a project's value at the start and 50% when it's complete. So, for example, if a project team is working on a fence that goes around an entire property, they can use their progress on the first portion of the fence to expect their total time and spend.

**What are the golden rules of PMP?** First, a project must have clearly defined, measurable goals to describe the project's scope. Second, once the project scope is finalised, the project manager or management team must create a project plan. The plan document outlines the steps needed to achieve the project scope and goals.

**What is the 3 point formula for PMP?** Three-point estimate formula PMP The triangular distribution is also known as a simple average. This form of three-point estimating is based on the average of each of the three estimated values. Simply add  $O+M+L$  and divide by three to get your three-point estimate (E).

**What is the formula of productivity in PMP?** 1. The Standard Productivity Formula. The productivity formula, in its most basic form, might be the most practical for some sectors and divisions. To calculate productivity, divide the total number of hours worked within a certain period of time by the quantity of goods or services produced.

**What is the burn rate formula in PMP?** The burn rate formula is Actual Cost (AC) divided by Earned Value (EV) or:  $AC / EV$ .

**Is 70 enough to pass CAPM?** Typically, amid practice tests, it is suggested that you target achieving above 70 percent correct answers while reducing any guesswork. This will help you attain confidence during the CAPM preparation stage and significantly increase the chance of passing on the first attempt.

**What is the formula for CAPM for dummies?** The pieces of the CAPM formula are the risk-free rate ( $R_{rf}$ ), investment beta ( $\beta$ ) and the market return ( $R_m - R_{rf}$ ). The value of each piece is dynamic, so the CAPM calculation needs to be updated over time. The formula is represented symbolically as:  $R_a = R_{rf} + [\beta * (R_m - R_{rf})]$ , with  $R_a$  being the expected return.

**Can I bring a calculator to the CAPM exam?** You cannot have any paper for making notes or a calculator, but one is provided within the software. I also recommend taking the tutorial before taking the exam. You cannot use a touch screen device (such as a Microsoft surface). You can have a drink with you.

**What is 100% rule in PMP?** This rule states that the WBS includes 100% of the work defined by the project scope and captures ALL deliverables—internal, external and interim—in terms of work to be completed, including project management.

**What is the 80 20 rule in PMP?** Otherwise known as the 80/20 rule, the Pareto rule is a tool that can be used to improve project management efficiency. The rule states that 80% of the results of a project come from 20% of the work. Therefore, by focusing on the 20% of work that is most important, we can improve the efficiency of a project.

**Do I need to memorize formulas for PMP?** To ace the PMP® certification exam, memorize “PMP formulas” for all of the categories. A calculation may be required in

some PMP® questions, and time can be saved if you memorize the formula before taking the PMP exam.

**What is the formula for etc in PMP?** ETC is calculated by taking the Budget at Completion (BAC) and subtracting the Earned Value (EV). It can be adjusted for performance by dividing the remaining budget (BAC - EV) by the Cost Performance Index (CPI).

**What do I need to know for PMP exam?** There are about 50 PMP formulas that you will have to know, ranging from simple averages to probabilities and depreciations. Your formulas and calculations will need to be right for you to attain the required marks. The knowledge-based questions will test you on the facts—usually, those found in the PMBOK® Guide.

**Is there any math on the PMP exam?** Every exam is unique because all candidates get a different set of questions. The PMI never acknowledges the number of questions types you will receive in the exam. There are many exam takers who got 15-20 math-based questions, and others who got around five math-based questions.

**Do I need to bring calculator for PMP exam?** They wonder if they can use a calculator during the PMP certification exam. Yes, you can use a calculator during your PMP certification exam. You have two choices: use the built-in calculator application through the computer or ask the Pearson VUE staff to provide you with a calculator.

## **The Figure: The Classic Approach to Drawing and Construction**

The human figure has been a timeless subject for artists throughout history. Capturing the human form accurately and expressively requires a mastery of the classic approach to drawing and construction.

### **1. What is the classic approach to drawing the figure?**

The classic approach to drawing the figure involves breaking down the human form into its basic geometric shapes, such as ovals, cylinders, and cones. These shapes are then used to construct a skeletal framework onto which the artist adds muscle and surface details. This method emphasizes the structure and proportions of the

body, ensuring accuracy and a sense of volume.

## 2. Why is understanding construction important?

Construction is essential for understanding the three-dimensional nature of the human form and its movement. By breaking down the figure into its simpler components, artists can gain a better grasp of how it functions and interacts with its environment. Construction also allows artists to control the proportions and foreshortening of the body, creating a convincing illusion of depth.

## 3. What are the key principles of construction?

The key principles of construction include:

- **Alignment:** The shapes that make up the body are aligned with the central axis of the figure, creating a sense of balance and symmetry.
- **Proportion:** The different parts of the body are scaled in relation to each other, following specific proportions established by artistic conventions.
- **Foreshortening:** Objects that are closer to the viewer appear larger and elongated, while those that are farther away appear smaller and more compressed.

## 4. What techniques are used to construct the figure?

Artists use a variety of techniques to construct the figure, including:

- **Linear construction:** Using lines to define the structure and contours of the body.
- **Massing:** Blocking in the main shapes and forms to create a rough sketch of the figure.
- **Contour drawing:** Capturing the contours and surface details of the figure through continuous lines.

## 5. How can I improve my construction skills?

Improving construction skills requires practice and observation. Artists should study anatomical references, draw from live models, and practice drawing geometric

shapes and forms. By developing a strong foundation in construction, artists can create figures that are both accurate and expressive, capturing the beauty and complexity of the human form.

**What is national instruments on PC?** National Instruments hardware and software work together to help you make the most of your PXI system. The LabVIEW, Measurement Studio, and LabWindows™/CVI™ application development environments combine with leading hardware drivers such as NI-DAQmx to provide exceptional control of NI hardware.

**What is National Instruments Code of Ethics?** The NI Code of Ethics emphasizes our commitment to comply with laws. NI believes in working with suppliers who are equally committed to being responsible corporate citizens, and we expect our suppliers to be responsible by adhering to the laws and regulations in the countries where they do business.

**What are the examples of National Instruments?**

**Can I delete National Instruments software?** You use Package Manager to remove NI software installed on your system. On the INSTALLED tab, select the software that you want to remove and click REMOVE.

**What are the 10 codes of ethics for computer professionals?** The some ethical guidelines for computer professionals are: Respect Confidentiality Honest & Fair Maintain professional competence Respects and protection of personal privacy Understand relevant law Avoid harming others Respects property rights UNDERSTAND WHAT SUCCESS MEANS: The developers & users of the system (staffs ...

**What are the seven codes of conduct?**

**What is the National Communication code of ethics?** We condemn communication that degrades individuals and humanity through distortion, intimidation, coercion, and violence, and through the expression of intolerance and hatred. We are committed to the courageous expression of personal convictions in pursuit of fairness and justice.

**What is the new name for National Instruments?** NI Is Now Part of Emerson As part of Emerson's new Test & Measurement business group, we'll build on our legacy and leadership in software-connected automated T&M systems, and we remain focused on investing in industry leading innovations and delivering differentiated solutions to our customers.

**Why did National Instruments change its name?** Eric Starkloff, President and CEO of NI, explains the reasons for such changes: “we're shortening our name to NI to acknowledge the global markets we serve and because we do so much more than create “instruments”. [...]

**What are the 4 major instruments?** These characteristics ultimately divide instruments into four families: woodwinds, brass, percussion, and strings. Play the four instrument family tracks below while students refer to Instrument Family Portraits (PDF).

**Is National Instruments Software free?** The LabVIEW Community edition is free for non-commercial use.

**How do I disable NI instruments?**

**What is NI max?** NI Measurement & Automation Explorer (MAX) provides access to your NI hardware. It is a free piece of software that cannot be downloaded by itself but is included, and automatically installed, with all NI drivers (NI-VISA, NI-DAQmx etc.)

**Is National Instruments software free?** The LabVIEW Community edition is free for non-commercial use.

**What kind of company is National Instruments?** National Instruments Corp (National Instruments ) offers extensive range of software and hardware products, specializes in the development of interactive software for data acquisition (DAQ) and PXI hardware, test execution, HIL test development, analysis, visualization, and test operations.

**What is the new name for National Instruments?** NI Is Now Part of Emerson As part of Emerson's new Test & Measurement business group, we'll build on our

legacy and leadership in software-connected automated T&M systems, and we remain focused on investing in industry leading innovations and delivering differentiated solutions to our customers.

**What are national music instruments?** VEENA. The Veena is India's national instrument. It is the oldest and the most authentic...

## **Study Guide for Content Mastery Solutions Answers**

### **Paragraph 1:**

Content mastery solutions are designed to help students achieve a deep understanding of subject matter. They typically involve a comprehensive study guide that covers all key concepts, as well as practice exercises and assessments to reinforce learning. Effective study guides provide clear explanations, varied examples, and opportunities for self-assessment.

### **Paragraph 2:**

Question: How does a content mastery study guide differ from a traditional study guide? Answer: Content mastery study guides focus on deep understanding rather than memorization. They provide a systematic approach to learning, with clear learning objectives and practice opportunities.

### **Paragraph 3:**

Question: What types of practice exercises might be included in a content mastery study guide? Answer: Practice exercises can include multiple-choice questions, short-answer prompts, essay questions, and problem-solving activities. They allow students to apply what they have learned and identify areas that need further study.

### **Paragraph 4:**

Question: How can assessments in a content mastery study guide help students? Answer: Assessments provide feedback on student progress and identify areas for improvement. They can include quizzes, tests, or self-evaluations that students can use to track their understanding and fine-tune their study strategies.

### **Paragraph 5:**

Question: What are the benefits of using a content mastery study guide? Answer: Content mastery study guides enhance student learning by providing a structured approach, clear explanations, varied practice opportunities, and regular assessments. They help students develop a deep understanding of subject matter, improve their critical thinking skills, and prepare for success in higher-level courses or careers.

[the figure the classic approach to drawing and construction, rf comm handbook national instruments, study guide for content mastery solutions answers](#)

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