



## Integrated e-Learning Modules – Module Specific Surveys

### Applying Systems Thinking to Solve Complex Problems

		I don't understand the question	I understand the question but I don't know the answer	True or False
1	Systems engineering is the study of the various components that make up a complex system			T <input type="checkbox"/> F <input type="checkbox"/>
2	The physical attributes of a product (form) should be designed first and then its performance (function) specified			T <input type="checkbox"/> F <input type="checkbox"/>
3	Overall system requirements must be identified before designing the subsystems			T <input type="checkbox"/> F <input type="checkbox"/>
4	A well-engineered system satisfies customer needs and wants			T <input type="checkbox"/> F <input type="checkbox"/>
5	Rules of thumb (heuristics) are useful in solving complex systems problems			T <input type="checkbox"/> F <input type="checkbox"/>
6	Complex systems generally provide better performance/results than simple ones			T <input type="checkbox"/> F <input type="checkbox"/>

### Building, Sustaining and Leading Effective Teams and Establishing Performance Goals

		I don't understand the question	I understand the question but I don't know the answer	True or False
1	Team effectiveness is defined by its productivity and performance only			T <input type="checkbox"/> F <input type="checkbox"/>
2	Compromise is the best strategy in making decisions			T <input type="checkbox"/> F <input type="checkbox"/>
3	New teams generally perform at a high level soon after they are formed			T <input type="checkbox"/> F <input type="checkbox"/>
4	A team will generate optimal results if all members have similar personality			T <input type="checkbox"/> F <input type="checkbox"/>
5	Commitment to your personal objectives is important to the success of the team			T <input type="checkbox"/> F <input type="checkbox"/>
6	A successful team always has a leader			T <input type="checkbox"/> F <input type="checkbox"/>
7	Performance review of a team is needed only if problems are encountered			T <input type="checkbox"/> F <input type="checkbox"/>



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### The Elevator Pitch: Advocating for Your Good Ideas

		I don't understand the question	I understand the question but I don't know the answer	True or False
1	The value of a product is the cost to produce it			T <input type="checkbox"/> F <input type="checkbox"/>
2	An effective elevator pitch is one that can address multiple stakeholders			T <input type="checkbox"/> F <input type="checkbox"/>
3	An elevator pitch must include in-depth technical details of a product or service			T <input type="checkbox"/> F <input type="checkbox"/>
4	You should identify your competitive advantage in an elevator pitch			T <input type="checkbox"/> F <input type="checkbox"/>
5	Good oral communication skills are the only thing needed to make an effective elevator pitch			T <input type="checkbox"/> F <input type="checkbox"/>
6	Most successful pitches will be no more than a few minutes			T <input type="checkbox"/> F <input type="checkbox"/>
7	A failed pitch is an opportunity to gain insight			T <input type="checkbox"/> F <input type="checkbox"/>
8	The best time to revise a failed pitch is immediately after making it			T <input type="checkbox"/> F <input type="checkbox"/>

### Learning from Failure

		I don't understand the question	I understand the question but I don't know the answer	True or False
1	Engineers typically view failure of engineering projects differently than failure of entrepreneurial ventures			T <input type="checkbox"/> F <input type="checkbox"/>
2	If an entrepreneur fails publicly, it is likely to ruin his or her career for life			T <input type="checkbox"/> F <input type="checkbox"/>
3	Failure of business ventures can always be avoided through careful analysis			T <input type="checkbox"/> F <input type="checkbox"/>
4	An entrepreneur cannot afford to fail			T <input type="checkbox"/> F <input type="checkbox"/>
5	Failure always occurs due to personal shortcomings			T <input type="checkbox"/> F <input type="checkbox"/>
6	If you encounter failure early in a project, you are less likely to encounter failure subsequently.			T <input type="checkbox"/> F <input type="checkbox"/>
7	Most successful entrepreneurs have failed many times in the past			T <input type="checkbox"/> F <input type="checkbox"/>



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### Thinking Creatively to Drive Innovation

		I don't understand the question	I understand the question but I don't know the answer	True or False
1	Being creative means one must come up with something entirely new			T <input type="checkbox"/> F <input type="checkbox"/>
2	Creativity is a natural born gift			T <input type="checkbox"/> F <input type="checkbox"/>
3	The most effective way to obtain a creative solution to a complex problem is to quickly focus on a solution method			T <input type="checkbox"/> F <input type="checkbox"/>
4	Like-minded people can communicate well and arrive quickly at a creative solution			T <input type="checkbox"/> F <input type="checkbox"/>
5	Asking questions when solving problems means you are uninformed or poorly prepared			T <input type="checkbox"/> F <input type="checkbox"/>
6	Question asking is a tool used by engineers to facilitate problem solving.			T <input type="checkbox"/> F <input type="checkbox"/>
7	A systematical approach can be very effective in uncovering problems and distinguishing the main cause.			T <input type="checkbox"/> F <input type="checkbox"/>
8	Visual connections and associations can greatly hinder creativity			T <input type="checkbox"/> F <input type="checkbox"/>

### Establishing the Cost of Production or Delivery of a Service, Including Scaling Strategies

		I don't understand the question	I understand the question but I don't know the answer	True or False
1	The sales price of a product is determined based on the total cost of production and profit margin			T <input type="checkbox"/> F <input type="checkbox"/>
2	Target customers drive the selection of the materials and the processes used to manufacture a product			T <input type="checkbox"/> F <input type="checkbox"/>
3	The price of a product or service always has the largest influence on sales			T <input type="checkbox"/> F <input type="checkbox"/>
4	Keeping high inventory of a product to meet increased demand is always economical			T <input type="checkbox"/> F <input type="checkbox"/>
5	The market structure (e.g. Competition, Monopoly and Oligopoly) influences how a product or service is priced			T <input type="checkbox"/> F <input type="checkbox"/>
6	A competitive market may not be preferred for products or services that are expensive to produce or provide.			T <input type="checkbox"/> F <input type="checkbox"/>