

Behaviors Specified in Instructional Objectives and Corresponding Test Items

TYPE OF TEST ITEM	BRIEF DESCRIPTION OF TEST-ITEM FORMAT	BEHAVIOR (VERB SPECIFIED IN THE INSTRUCTIONAL OBJECTIVE)
<p>Essay (Example: "What are the chief advantages and disadvantages of the essay format as a test item?")</p>	<p>A type of test item requiring a learner to respond in essay format. This type of item is appropriate for assessing higher levels of cognition - such as analysis, synthesis, and evaluation.</p>	<p>Objectives in the cognitive and affective domains.</p>
<p>Fill-in-the-blank (Example: "The _____ - in-the-blank is a type of test item.")</p>	<p>A type of test item requiring the learner to fill in the blank with an appropriate word or phrase. Scoring can be objective because the required response is quite specific – often only one word is correct.</p>	<p>Objectives in the cognitive domain – such as comprehension, knowledge, application, and synthesis.</p>
<p>Multiple-choice (Example: "A type of test item requiring the learner to choose from more than one possible answer is the (a) multiple choice; (b) essay; (c) completion.")</p>	<p>Often called the most useful and versatile type of objective testing. Learners must choose between three to five alternatives as the answer to a question.</p>	<p>Objectives in the cognitive domain – such as comprehension, application and analysis.</p>
<p>True-false (Example: "A true-false test item is less versatile than a multiple-choice one.") (True-False)</p>	<p>A type of test item in which learners are asked to determine whether a statement is true or false.</p>	<p>Objectives in the cognitive domain- such as application, analysis, and evaluation.</p>
<p>Demonstration (Example: "Please demonstrate how to correctly set up a dumpy level.")</p>	<p>A type of test item in which learners are asked to demonstrate that he or she can perform a task.</p>	<p>Psychomotor objectives.</p>
<p>Oral response (Example: "Please explain how to write a performance objective.")</p>	<p>A type of question in which learners are asked to respond orally to an open-ended question.</p>	<p>Objectives in the cognitive and affective domain.</p>

This worksheet/job aid was adapted from Mastering the Instructional Design Process, (2nd Ed.) (1998), Rothwell, William J. & Kazanas, H. C., Josey-Bass/Pfeiffer, San Francisco.

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<p>Project (Example: "Write an essay question to describe ten steps in preparing an assessment instrument.")</p>	<p>A type of test in which learners are asked to demonstrate the ability to perform a task they have (presumably) learned through participation in an instructional experience.</p>	<p>Objectives in the cognitive domain and affective domains.</p>								
<p>Matching See example below</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>FOR EACH ITEM IN COLUMN 1 BELOW, SELECT A CORRESPONDING ITEM IN COLUMN 2 BY PLACING THE NUMBER OF THE ITEM IN COLUMN 1. USE ITEMS ONLY ONCE.</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 50%;">COLUMN 1</th> <th style="text-align: left; width: 50%;">COLUMN 2</th> </tr> </thead> <tbody> <tr> <td>----- 1. ESSAY</td> <td>1. A TYPE OF TEST ITEM IN WHICH LEARNERS HAVE ONLY TWO RIGHT ANSWERS</td> </tr> <tr> <td>----- 2. MULTIPLE-CHOICE</td> <td>2. A TYPE OF TEST ITEM IN WHICH LEARNERS HAVE BETWEEN THREE AND FIVE ALTERNATIVES</td> </tr> <tr> <td>-----3. TRUE-FALSE</td> <td>3. A TEST ITEM REQUIRING A NARRATIVE RESPONSE</td> </tr> </tbody> </table> </div>	COLUMN 1	COLUMN 2	----- 1. ESSAY	1. A TYPE OF TEST ITEM IN WHICH LEARNERS HAVE ONLY TWO RIGHT ANSWERS	----- 2. MULTIPLE-CHOICE	2. A TYPE OF TEST ITEM IN WHICH LEARNERS HAVE BETWEEN THREE AND FIVE ALTERNATIVES	-----3. TRUE-FALSE	3. A TEST ITEM REQUIRING A NARRATIVE RESPONSE	<p>A type of test item in which learners are asked to match up items in one column with items in another column.</p>	<p>Objectives in the cognitive domain – such as comprehension, analysis, and evaluation.</p>
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<p>Completion (Example: "A type of test item that requires the completion of a sentence is called _____ .")</p>	<p>A type of test item that closely resembles the fill-in-the-blank type, except that the learner is asked to complete a sentence stem.</p>	<p>Objectives in the cognitive domain – such as comprehension, knowledge, application, and synthesis.</p>								

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