

Exemplars

Name: _____

P/S	R/P	Com	Con	Rep	A/Level

Insects in Jars

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Ben and Sara have four glass jars. Ben and Sara have one hour and fifteen minutes to collect four different types of insects. Ben and Sara will put each type of insect in a glass jar. Ben and Sara will round the number of each type of insect collected to the nearest ten and let any extra insects go. Ben and Sara start collecting insects at one o'clock in the afternoon. They collect 123 ants, 212 butterflies, 100 beetles and 314 grasshoppers. What time do Ben and Sara stop catching insects? How many insects do Ben and Sara let go from each jar? Show all your mathematical thinking.