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Comparative study of three approaches to teaching rates.

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Summary: This chapter has a special aim and organization. It presents the comparative study of three different approaches to the same theme of proportional reasoning, in particular of the concept of the rate. The idea for the study is related to the Chinese Keli lesson study method, whose one of the approaches is the observation of two classes taught by different instructors and presenting different approaches to the same theme followed by the discussion comparing the instructional approaches. Both instructors as well as the observing team of teachers participates in, usually heated, discussions. The chapter starts with the review of literature background for the theme of proportional reasoning as well as with short characterization of each of the approaches taken by instructors. Remarks of the members of the team follow.

Classification: D20 C70

Keywords: teaching research; lesson study

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