The Right Angle

Deanna Shostak

Curriculum—IOP

Thirty-four teachers have been selected to take part in field-validating the following revised IOP programs of study, beginning in September 2003:

- IOP program vision, philosophy and rationale statements
- IOP English Language Arts, Grades 8–12
- IOP Mathematics, IOP Science, IOP Social Studies, Grades 8–11
- IOP Occupational component, Grades 8 and 9

Teachers who take part in field-validating IOP programs of study will also provide feedback on the corresponding component(s) of the IOP Studio (online guide to implementation) and the Career Development component.

Teachers who take part in field-validating IOP programs of study will also participate in developing and field-testing items for the following:

- IOP English Language Arts, Grade 9
- IOP Mathematics, Grade 9
- IOP Science, Grade 9

Teachers across the province are invited to use and provide feedback on the new IOP programs of study and online guide to implementation. Provincial workshops are being planned to inform teachers and administrators about the revised program. We will be informing the field regarding locations and dates of the IOP workshops through various methods, such as *Connections for Teachers* online magazine, regional learning consortia and IOP updates to superintendents.

Learner Assessment Branch

The following documents are available on Alberta Learning's website (www.learning.gov.ab.ca):

- Information bulletins for both Pure and Applied Mathematics 30
- Projects and teacher notes for both Pure and Applied Mathematics 30 (project solutions are found on the extranet)
- Exam manager reports for January and June 2003

Teachers should also note that all diploma examinations will be held secure until released to the public by the minister. However, for the January and June 2004 examinations, teachers will be allowed access to a Teacher Perusal Copy for review purposes one hour after the examination has started. Representative portions of the January and June examinations will be released, along with an Examination Manager's Report for each subject early in the fall 2004.

Bhaskara I (c. 1114–c. 1185)

The prominent Hindu mathematician, who wrote chiefly on astronomy, arithmetic, mensuration and algebra, posed this problem:

Find natural numbers which, when divided by 2, 3, 4, 5 and 6, have a remainder of 1 and in addition are divisible by 7.