they lack in skill. Those which you see and who follow them are taller, more skilful; they know how to milk, to pull the flax from the distaff, and will attend to all the work of the house.

7. Traduisez en anglais un des passages suivants :

Mozart reste plongé quelques moments dans de profondes réflexions; puis tout à coup demande une plume, de l'encre, du papier, et, malgré les remontrances de sa femme, il se met à écrire. Cette fougue de travail continua plusieurs jours.

Alors il arriva d'affreux malheurs, le froid et la dévastation privèrent l'armée de toutes ses ressources, la famine l'atteignit, et bientôt il fallut se retirer à travers un pays désert et des neiges sans fin.

Algebra.

Examiner, - - T. AINSLIE YOUNG, M.A.

1. Simplify (*a*) $\frac{x+a}{x-a} + \frac{x-a}{x+a} - \frac{2ax}{x^2-a^2}$

(*b*) $\left\{\frac{x^4-a^4}{(x-a)^2} \div \frac{x^2+ax}{x-a}\right\} \times \frac{x^5-a^2x^3}{x^3+a^3} \div \left\{\frac{x+a}{a-x}\right\}$

2. Solve (*c*) $\frac{2x+a}{3(x-a)} + \frac{3x-a}{2(x+a)} = 2\frac{1}{6}$

(*d*) $5x+3y=65$

$2y-z=11$

$3x+4z=57$

3. Supposing that a cubic inch of gold weighs 20oz., and an equal bulk of silver weighs 12oz., and a lump composed of gold and silver weighs 32oz. less than if it were all gold, but 56oz. more than if it were all silver, what is its actual weight?

4. A and B buy a horse for £120. A can pay for it if B will advance half the money he has in his pocket, B can pay for it if A advance two-thirds of the money he has in his pocket. How much has each?

Geometry.

1. What are Postulates and Axioms? Distinguish between "The angle of a segment of a circle" and "The angle in a segment of a circle." Define :—"Square," "Gnomon," "Sector of a Circle."

2. If the square described on one of the sides of a triangle be equal to the square described on the other two sides of it, the angle contained by these two sides is a right angle.

3. Divide a given straight line into two parts, so that the rectangle contained by the whole and one of the parts may be equal to the square on the other part.

4. The angle at the centre of a circle is double the angle at the circumference on the same base, that is, on the same arc.

5. Show that any straight line, passing through the middle point of the diameter of a parallelogram, and terminated by two opposite sides, bisects the parallelogram.