

(94.) A table whose top is in the form of a right angled isosceles triangle whose equal sides are each 3 feet in length, is supported horizontally by 3 vertical legs placed at the corners ; a weight of 30 lbs. is placed on the table at a point 15 inches distant from each of the equal sides ; find the pressure of the weight on each leg.

JNO. E. TOM, Canfield.

(See Todhunter's Mechanics for Beginners, page 90, problem 20,)

(95.) Pigs are worth \$5 per head; a drove of 100 pigs and sheep are worth \$360, but if the number of pigs and sheep were interchanged the drove would be worth \$440. Find the price of a sheep and the number of pigs and sheep.

J. S. CARSON, Strathroy.

(96.) A man paid \$165 to 55 laborers consisting of men, women, and boys, men at \$5, women at \$1, boys at \$½ each. How many of each? DITTO.

(97.) Define an acid. Classify alumina.
EDITOR.

(98.) What does the - 20 mean in the algebraic solution of problem 90.

M. FERGUSON, Florence.

RECENT SCHOOL BOOKS.

The Doctrine of Energy, by D. D. Heath, M.A.; Longmans, Green & Co., (pp. 129), \$1.35. The idea seems to have been good, the execution is

bad. Mr. Heath lacks the gift of elementary exposition, and it is at such exposition the book aims. Lessons on Elementary Mechanics. Philip Magnus. B.A., Longmans, Green & Co. (pp. 306.) The author keeping the old nomenclature, seems to have followed the route of expositor. adopted by Thompson and Tait, placing dynamics (?) before Statics. We cannot speak as to the educational value of the book. An Elementary Treatise on Steam. John Perry, B. E., McMillan & Co., \$1.35. May be considered as taking the position in practical training, that Acoustics and Optics take in intellectual training.

A Course in Descriptive Geometry. William Watson, Boston; Osgood & Co.; London: Longmans, \$5.40. Perhaps the best work we have on the subject in English. 'Tis a pity Monge's great work has become so scarce, for no student who aspires to aught like thoroughness on this subject can do without what may be called the *Principia* of Descriptive Geometry.

Introduction to Experimental Physics. Adolf F. Weinhold. Translated (with the Author's sanction) by B. Loewy, Longmans & Co. \$9.15. Such a treatise was much needed by teachers who had to teach the rudiments of science, yet had neither the time nor means to spare, to attend such laboratories as those of the Royal School of Mines. The book is the work of a master-hand.

EDITOR'S DRAWER.

—Subscribers in arrears are earnestly requested to remit the amount due us without delay.

—We always re-mail numbers of the "TEACHER" which have gone astray, when notified promptly.

—In a few copies of this No. of the "TEACHER," an error occurs on the 110th page. In the 2nd and 8th lines, from the top of the 1st column, for "medium" read "median."

—Any teacher to whom the "TEACHER" is sent after the time paid for has expired, and who does not wish it continued, will oblige by returning promptly, stating name and Post Office.

—We have a number of valuable contributions from esteemed friends, for which we return our cordial thanks, and which will be published as soon as we can find space.

—If that teacher who sent us orders to send the "TEACHER" to a new Post Office, without stating at what Post Office he had been receiving it, had only heard the anathemas of our mailing clerk, he would promise never to do it again.

—We have received the circular of the Owen Sound Academy, a Preparatory School for Teachers, Matriculants in Arts, Law, Medicine, &c. The Academy has an excellent staff of Teachers, with