

**LOCAL AND INDUSTRIAL.**

The wagonmakers were very busy on three seated hacks, wheel barrows and a carriage the past week.

We noticed the painters at work on the porch roof of the Girls' Home giving it a necessary coat of paint.

Alfred Comskin and Manuel Robles were given their first lesson in cake making this week at the bakery.

No report was received from the Nonpareils this week. They will have to "Go way back and sit down."

Albert Mearns had the misfortune on Wednesday to have one of his fingers crushed by the washer at the laundry.

The carpenters have the store room at the Power House well under way and the Electricians and steam-heaters will soon have a good strong room in which to store their supplies.

Mr. Scott and his blacksmith boys were hard at work on Wednesday repairing the plumbing of the heater which supplies the hospital with hot water. Mr. Scott did a good job and demonstrated that where there's a will there's a way.

Mr. Will Landon came out from Salem with his trap drum and assisted in the orchestra on Valentine's night, which aided greatly in the improvement of the same. Come again Mr. Landon and don't forget the holy drum.

The Phantom party on Valentine night was a great success. There has seldom been a social event at the school more thoroughly enjoyed. Miss Mober, Mr. Cairns and Mr. Farrow are the ones to whom we owe our thanks for managing this pleasant affair. The orchestra furnished particularly good music for the occasion.

Something new. Call on The Rex Studio, where you get one picture beautifully framed with each dozen cabinet pictures. M. C. Lewis Proprietor and Operator, 98 Court Street, Salem, Ore.

**ARITHMETIC EXAMINATION.****Grammar School Grade,  
Chemawa, Ore.**

Feb. 18, 1902. (Time 3 hours.)  
(T. W. POTTEN, examiner.)

1. A man sold 24 horses at \$150.00 each. On one half he gained 25% and on the remainder he lost 1-2 of the whole sum. Find the whole loss or gain.
2. Subtract 7, 1-2  $\div$  8, 1-2 km. plus 5-8 of 50-75 from 5, 31-45 km.
3. Which is the cheaper, a hat which cost \$3.00 and lasts 8 months or a hat which cost \$2.40 and lasts 7 months? How much will a man save in 20 years who wears the cheaper hat?
4. A creditor received \$1.50 for every \$1. that was due him, and thereby loses \$25.00. What was the sum due him?
5. How many bushels of potatoes can be sold out of a garden in which there are 10 rows. In each row there are 240 hills, each hill contains on an average 10 potatoes, if 6 potatoes make 1 pint.
6. James received a present of money. He gave 1-2 of it to his sister, and 1-3 of the remainder to his brother, and the \$4.00 remaining he kept for himself. How much money did he receive?
7. A man built a wall in thirty days. A dog twice as much as B. How long will it take each to do it.
8. A can do 1-5 of a work in 3 days. B can do 1/8, 2-5 of it in 2, 1-3 days, and C can do 1-3 as much as A and B together. I hired the three men to do the work, paying them \$80. Divide the money among them.
9. A store keeper bought a number of barrels of apples for \$80. 20 barrels were unsalable, and he sold 3-5 of the remainder for \$420.00, gaining 10%. Find the number of barrels he bought.
10. Find the difference between the compound interest and the simple interest on \$250.00 for three years, 2 m. w., 12 days, at 8 per cent per annum.