

3. One day his employer said to him: "Now, to-morrow, that cargo of cotton must be got out and weighed, and we must have a regular account of it."

4. A thousand years ago, a royal lady, in one of the rush-strewn halls of her rude English palace, sat reading aloud to her children from an illuminated manuscript of Saxon poetry.

5. Steadily persevering in his task, ere long he was able to read the book, and triumphantly claimed it as his own.

6. In after years Alfred remembered and munificently rewarded the hospitable peasant.

7. Alfred's career after this was generally successful; and owing to his activity, bravery, and perseverance, he became, by common consent, sovereign of all England, excepting those parts of which the foreigners retained possession.

ARITHMETIC.

2nd to 3rd Class. Time, $2\frac{1}{2}$ hours.

1. (a) Write in words the number between 709 and 711; write in words 50,407 and 100,011. (b) Write in figures XL.; twenty thousand and thirty-five; ninety-seven thousand and nineteen.

2. (a) $389674 + 86397 + 4896857 + 4963895 + 687968 + 483469 + 7968374$. (b) $48967 + 38965 + 28 + 37349 + 8 + 94 = 67,899$.

3. How much greater is 38,607 than 3,867; and how much less is 4,875 than 48,705?

4. Multiply 160,790 by 160,790.

5. Divide the product of 867 and 896 by their difference.

6. Divide 42,711 by 99, using factors. Prove your answer by multiplication, using factors. Use the factor 11 first in both operations.

7. To 636 add 15; then divide by three, subtract 17, divide by 25, add 27, divide by 7, multiply by 136, and divide by 17.

8. A man bought three farms. For the first he gave \$5,175; for the second \$3,870, and for the third \$219 more than he gave for both the others. He sold all of them for \$20,000. How much did he gain?

9. A dealer bought two droves of cattle. In the first there were 95 cattle that cost him

on an average \$47 each; in the second there were 23 that cost him on an average \$54 each. Before he sold them two of the first drove died, and one of the second drove. He sold the remainder at \$53 each. How much did he gain?

10. How much money would a person get for 139 dozen eggs at 19 cents per dozen; 59 lbs. of butter at 23 cents per lb.; and 28 lbs. of lard at 13 cents per lb.? Find the total amount.

Value, 12 marks for each.

ARITHMETIC.

3rd to 4th Class. Time, 3 hours.

Values. 12 marks each. Count 120 a full paper.

1. (a) What number added to seven thousand eight hundred and ninety-seven will produce a number that is 729 less than ten thousand? (b) What number multiplied by 19 will give 65,778 for a quotient? (c) Multiply together the sum, difference and quotient of 17 and 68

2. (a) Two of the factors of 252 are 4 and 7, find the third factor. (b) The cost of building 252 miles of railway was \$874,314.00; find the cost per mile.

Three marks more to be given for using factors of 252 than for the ordinary long operation. Value for whole question 2 + (9 or 12).

3 Reduce (a) 25 tons, 673 lbs. 16 oz. to lbs.

(b) 2,000 oz., 693 lbs., 0 tons, 17 cwt. to lbs.

(c) 640 perches, 0 yds., 0 ft., 0 in. of wire, to miles.

4. In a bin containing 137 bushels, how many bags are there, each holding 2 bush., 2 pks., 1 gal.?

5. The larger wheel of a bicycle is 15 ft. 2 in. round, how often will it revolve in running 7 miles 160 rods?

6. Show which is cheaper of the following prices:

(a) 5c. an inch, or 50c. a foot for lead pipe.

(b) 10c. an inch, or \$4 a yard for cloth.

(c) 12c. a sq. foot, or \$1.30 per sq. yard for oil cloth.

(d) 25c. an hour, or \$2 a day (of 10 hours) for work.