

Exercise 84. Page 124

1. 65 lb. 3 oz. 2. 135 mi. 215 rd. 3. $67\frac{5}{7}$ c.
4. $\$2.06\frac{1}{4}$. 5. Lost 30c. 6. 40c.
7. Wheat worth 78c. sold at 76c.; loss = 2c. per bushel. 1.
- " " 72c. " 76c.; gain = 4c. " 3.
- To neither gain nor lose he must sell 4 bu. at 78c. to 5.
- 2 bu. at 72c., or 200 bu. at 78c. to 100 bu. at 72c. 7.
8. $25\frac{1}{4}$ lb. 9. $\$10.20$. 9.
10. 482 pages. 11. 27 mi. 547 yd.

Exercise 85. Page 126

1. $\$3.50$ and $\$3.75$. 2. 52 and 61. 3. 268 and 375. 1.
4. 57 lb. 5 oz. and 64 lb. 12 oz. 4.
5. 112 ac. $2452\frac{1}{2}$ sq. yd. and 113 ac. $2684\frac{1}{2}$ sq. yd. 7.
6. A, 45c.; B, 83c.; C, 79c.
7. A, 16 marbles; B, 23 marbles; C, 33 marbles.
8. First, 540 pages; second, 284 pages; third, 176 pages.
9. 478 and 521.
10. Length, 144 yd.; width, 117 yd.

Exercise 86. Page 127

1. 30 and 120. 2. A, $\$120$; B, $\$80$. 3. $\$700$ and $\$560$.
4. A, $\$125$; B, $\$150$; C, $\$225$. 5. A, 7c.; B, 14c.; C, 42c.
6. A, 25c.; B, 90c. 7. A, $\$25$; B, $\$54$; C, $\$78$.
8. There will be 2 five-cent pieces and 3 ten-cent pieces for
every 1 twenty-five-cent piece; i. e., for one division
 $10c. + 30c. + 25c. = 65c.$ will be required.
No. of divisions = $\$3.90 \div 65c. = 6$.
 " five-cent pieces = $2 \times 6 = 12$; value 60c.
 " ten-cent " = $3 \times 6 = 18$; " $\$1.80$.
 " twenty-five-cent pieces = $1 \times 6 = 6$; value, $\$1.50$.
9. Wheat, 54 bu.; barley, 135 bu.
10. Green, 138; blue, 112; red, 100.
11. A, 30 cords 60 cu. ft.; B, 40 cords 35 cu. ft.; C, 41 cords 33 cu. ft.
12. A, $\$50.75$; B, $\$70.25$; C, $\$80.65$; D, $\$90.25$.