

## Exercise XXXVII.

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|-------------------------------|------------------------------|
| 1. \$490.                     | 8. \$3.                      |
| 2. 2 ozs., 2 dwt., 14 grs.    | 9. \$108.                    |
| 3. \$103.55.                  | 10. 2 Metres.                |
| 4. 25 times: 3 hours, 30 min. | 11. 153 M., 6 dm.; \$115.20. |
| 5. \$52.02.                   | 12. 1-081075931841269.       |
| 6. 1400 miles.                | 13. \$900.                   |
| 7. 020002667306849580698412.  |                              |

## Exercise XXXVIII.

- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| 1. \$1.00.                          | 9. Compound Rules ; 1 cubic       |
| 2. 244978683713832688492063.        | metre (volume or capacity) =      |
| 3. \$960.                           | 1 gramme (weight), or capa-       |
| 4. A, \$80 ; B, \$120 ; C, \$160.   | city ; weight : : 1 cu. cm. : 1g. |
| 5. 1 Kl., 4 Hl., 5 Dl., 2 L. ;      | 10. 460.                          |
| 145 Mg., 2 Kg.                      | 11. \$47.754 interest ; \$297.754 |
| 6. \$2475.                          | amount.                           |
| 7. 5 Dg., 7 G., 9 dg., 2 cg., 1 mg. | 12. 23.                           |
| 8. 68 Kg.                           | 13. \$1560.                       |

## Exercise XXXIX.

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|---------------------------|------------------------|
| 1. 130 acres.             | 8. 40 shares.          |
| 2. Diminished by 36%.     | 9. £45, 10sh., 6d.     |
| 3. $4\frac{1}{2}\%$ .     | 10. \$1.20.            |
| 4. 3.                     | 11. $6\frac{2}{3}\%$ . |
| 5. \$455.                 | 12. $7\frac{1}{2}\%$ . |
| 6. A, \$3900 ; B, \$4950. | 13. \$700.             |
| 7. \$1.20.                |                        |

## Exercise XL.

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|---|--------------------------------------|
| 1. A, \$1200 ; B, \$1500.   | 7. \$6.00.                           |
| 2. \$862.13.  | 8. 44 yards.                         |
| 3. \$1500.  | 9. (a) 16 $\frac{1}{4}$ min. past IX |
| 4. 80% gain.  | (b) 24 " " "                         |
| 5. (a) $\frac{2}{3}$ , (b) $\frac{7}{8}$ , (c) $\frac{24}{125}$ . | 10. 48 min. past VII.                |
| 6. \$1146.88 (or using 25 qts. to                                 | 11. (a) 2 pks. 1 gal.                |
| the cub. ft., which is prac-                                      | (b) 4 days 36 min.                   |
| tically wrong for grain, the                                      | 12. 7%.                              |
| answer would be \$1120).  | 13. \$810.                           |