

Page 66. 1. $\frac{1}{2}$ g. per c.c. 2. $\frac{1}{2}$ g. per c.c. 3. 1.2 g. per c.c. 4. $\frac{1}{2}$ g. per c.c.

Page 69. 6. 1,291 g.

Page 77. 2. 10 cu. ft. 3. 22.85 l. 4. 483 $\frac{1}{2}$ in. of mercury. 5. 562 $\frac{1}{2}$ mm.
6. 174 in. of mercury. 7. \$3.60.

Page 99. 1. 335, 338, 356 m. per sec. 2. 5,595 ft 6. 1,678.5 ft.
7. 4,707.4 ft per sec.

Page 104. 2. 600. 4. 32 $\frac{1}{2}$, 65 $\frac{1}{2}$, 130 $\frac{1}{2}$, 261, 522, 1,044, 2,088, 4,176.

Page 124. 1. 9, 32.4, 48.6, 117. 2. 11 $\frac{1}{2}$, 15, 20, 52 $\frac{1}{2}$. 3. 117. 4. 15 $\frac{1}{2}$.
5. -17 $\frac{1}{2}$ °, -12 $\frac{1}{2}$ °, 0°, 7 $\frac{1}{2}$ °, 37 $\frac{1}{2}$ °, -31 $\frac{1}{2}$ °, -40°. 6. 50°, 68°, 89.6°, 167°, -4°, -40°, -459.4°.

Page 127. 2. 28.55 l. 3. 113 c.c. (nearly). 4. 107.6, 107.2, 102.9 c.c. (nearly). 5. 620 c.c.; 310 c.c.

Page 129. 1. 1,625 cal. 2. 3,000 cal. 3. 23° C. 4. 10 Cent. deg.
5. 66 $\frac{1}{2}$ ° C. 6. 10,320. 7. 252.

Page 133. 1. 900 cal. 2. 8,100 cal. 3. 38,688 cal. 4. The water.
5. 0.95 (nearly). 6. 0.69. 7. 0.63 (approx.).

Page 139. 6. 2,800 cal. 7. 1,200,000 cal. 8. 59 $\frac{1}{11}$ ° C.

Page 144. 4. 19,832 cal. 5. 182,240 cal. 6. 27,945 cal. 7. 230,680 cal.

Page 165. 1. 2.4 inches.

Page 170. 2. 60°. 4. 60°.