

Exercise 87. Page 128 — Oral

Exercise 88. Page 128

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| 1. 96 sq. ft. | 2. 91 sq. ft. |
| 3. 525 sq. ft. | 4. 18 sq. yd. 6 sq. ft. |
| 5. 351 sq. yd. 3 sq. ft. | 6. 470 sq. ft. |
| 7. Walls and ceiling, \$14.43 $\frac{1}{2}$. | 8. 4 ac. 20 sq. rd. |
| 9. 1404 bricks. | 10. 5 sq. ft. 142 $\frac{1}{2}$ sq. in. |

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| 1. 10 ft. 6 in. | 2. 3 ft. | 3. 2 ft. 8 in. |
| 4. 71 yd. 2 ft. 4 in. | 5. 16 ft. | 6. 15 ft. |
| 7. 12 ft. | 8. 15 in. | 9. 63 ft. |

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3. (i) If carpet run lengthwise, No. strips = 10 ; No. yd. = 90.
 " " crosswise " " = 12 ; " = 84.
 (ii) " " lengthwise " " = 6 ; " = 30.
 " " crosswise " " = 7 ; " = 28.
 (iii) " " lengthwise " " = 8 ; " = 64.
 " " crosswise " " = 11 ; " = 66.
 (iv) " " lengthwise " " = 12 ; " = 144.
 " " crosswise " " = 16 ; " = 138 $\frac{2}{3}$.

4. Carpet running lengthwise, No. yd. = 40 ; cost = \$48.
 5. " " " " = 64 ; " = \$57.60.
 6. " " " " = 29 $\frac{1}{8}$; " = \$29.16 $\frac{2}{3}$.

7. (i) 5 strips ; (ii) 7 strips. 8. 8 strips.
 9. 8 strips. 10. \$42.75.

11. Carpet running lengthwise, No. strips = 8.

$$\text{No. yds. of carpet} = \frac{57.60}{1.20} = 48. \quad \text{Length of each strip} = 6 \text{ yd.}$$

$$\text{Length of room} = 18 \text{ ft.}$$

12. \$9.47 $\frac{2}{3}$.