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RES
2024
$$-a/r$$

The diagram illustrates a geometric proof involving a large square divided into several colored regions. The regions are labeled A through F. The dimensions and areas are as follows:

- Region F (Blue):** A rectangle with a width of 24 and a height of 28. Its area is 24.
- Region D (Red):** A rectangle with a width of 18 and a height of 18. Its area is 25.
- Region A (Pink):** A rectangle with a width of 18 and a height of 18. Its area is 25.
- Region B (Red):** A rectangle with a width of 12 and a height of 10. Its area is 12.
- Region C (Green):** A rectangle with a width of 14 and a height of 8. Its area is 10.
- Region G (Red):** A rectangle with a width of 16 and a height of 12. Its area is 15.
- Region E (Green):** A rectangle with a width of 6 and a height of 6. Its area is 12.
- Region H (Red):** A rectangle with a width of 6 and a height of 6. Its area is 6.
- Region I (Yellow):** A small square with a side length of 3. Its area is 3.
- Region J (Yellow):** A small square with a side length of 2. Its area is 2.
- Region K (Yellow):** A small square with a side length of 1. Its area is 1.

The total area of the large square is 24 x 28 = 672. The sum of the areas of the regions is 24 + 25 + 25 + 12 + 10 + 15 + 12 + 6 + 3 + 2 + 1 = 110. This suggests that the diagram is a proof of a geometric identity, likely related to the Pythagorean theorem.

1	Bldg Type	SHB+Cons	DixHt	Unit	Blt/Renov	Replace	Phy	Fnc	True
2	DWELLING	1 AF/C	FtxFt	Rate	Cond	Value	Dpr	Dpr	Value
3	Shed	*PP	2177		D+	135570	.55	.15	41480
3	Garage		10X14			1960AV			0
			26X18	468	C	0LD/AV	11230	.65	3140
front lot		acres/	effective	depth	actual	effective	extended	true	
small acreage		frontage	frontage	factor	rate	rate	value	value	
		.0600	215.00	132	94	60	56	12040	
						5000	5000	300	300

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