The scale of a drawing is  $\frac{1}{4}$  in. = 12 ft. Find the actual measurement.

- **1.** 8 in.
- **2.** 11 in.
- **3.** 16 in.
- **4.** 18 in.

- **5.** 22 in.
- **6.** 27 in.
- **7.** 21.5 in.
- **8.** 38.5 in.

The scale is 2 cm = 15 m. Find the length each measurement would be on a scale drawing.

- **9.** 180 m
- **10.** 585 m
- **11.** 330 m
- **12.** 420 m

- **13.** 225 m
- **14.** 622.5 m
- **15.** 547.5 m
- **16.** 682.5 m
- **17.** On a map the distance between Charleston and Mt. Pleasant is 3.2 cm. The scale is 1 cm = 25 mi. What is the actual distance in miles between these two towns?
- **18.** Blueprints of a building are drawn with a scale of 1 cm = 25 ft. If the base of the building is a square with a perimeter 700 feet, what is the length of one side of the base of the building on the scale drawing?
- 19. If the scale drawing of a room has measurements of 8 cm by 4.5 cm and the scale of the drawing is 1 cm = 8 ft, what are the actual measurements of the room?

Nam	ne		Date	Class
LESS	Homev	vork and Prac	tice	
7-	7 Scale Di	rawings		
	scale of a dra	wing is $\frac{1}{4}$ in. = 12 ft.	Find the actual	
1.	8 in.	<b>2.</b> 11 in.	<b>3.</b> 16 in.	<b>4.</b> 18 in.
	384 ft	528 ft	768 ft	864 ft
5.	22 in.	<b>6.</b> 27 in.	<b>7.</b> 21.5 in.	<b>8.</b> 38.5 in.
	1,056 ft	1,296 ft	1,032 ft	1,848 f
		= 15 m. Find the leng	gth each measureme	nt
νοι	ald be on a sca	<b>10.</b> 585 m	<b>11.</b> 330 m	<b>12.</b> 420 m
wol 9.	ald be on a sca 180 m 24 cm	lle drawing. 10. 585 m  78 cm		
wol	ald be on a sca 180 m 24 cm	lle drawing. 10. 585 m  78 cm	<b>11.</b> 330 m <u>44 cm</u>	<b>12.</b> 420 m
9. 13.	ald be on a sca 180 m  24 cm  225 m  30 cm  On a map the coans and the sca	10. 585 m  78 cm  14. 622.5 m	11. 330 m  44 cm  15. 547.5 m  73 cm  rleston and Mt. Pleasa	12. 420 m  56 cm  16. 682.5 m  91 cm  nt is
9. 13.	ald be on a sca 180 m  24 cm  225 m  30 cm  On a map the coans and the sca	10. 585 m  78 cm  14. 622.5 m  83 cm  distance between Charale is 1 cm = 25 mi. W	11. 330 m  44 cm  15. 547.5 m  73 cm  rleston and Mt. Pleasa	12. 420 m  56 cm  16. 682.5 m  91 cm  nt is
wou 9. 13.	180 m  24 cm  225 m  30 cm  On a map the constant of a lifthe base of the search of a lift the th	10. 585 m  78 cm  14. 622.5 m  83 cm  distance between Charale is 1 cm = 25 mi. W	11. 330 m  44 cm  15. 547.5 m  73 cm  Pleston and Mt. Pleasa hat is the actual distantal distant	12. 420 m  56 cm  16. 682.5 m  91 cm  nt is noce in

4.5 cm and the scale of the drawing is 1 cm = 8 ft, what are the actual measurements of the room?

64 ft × 36 ft