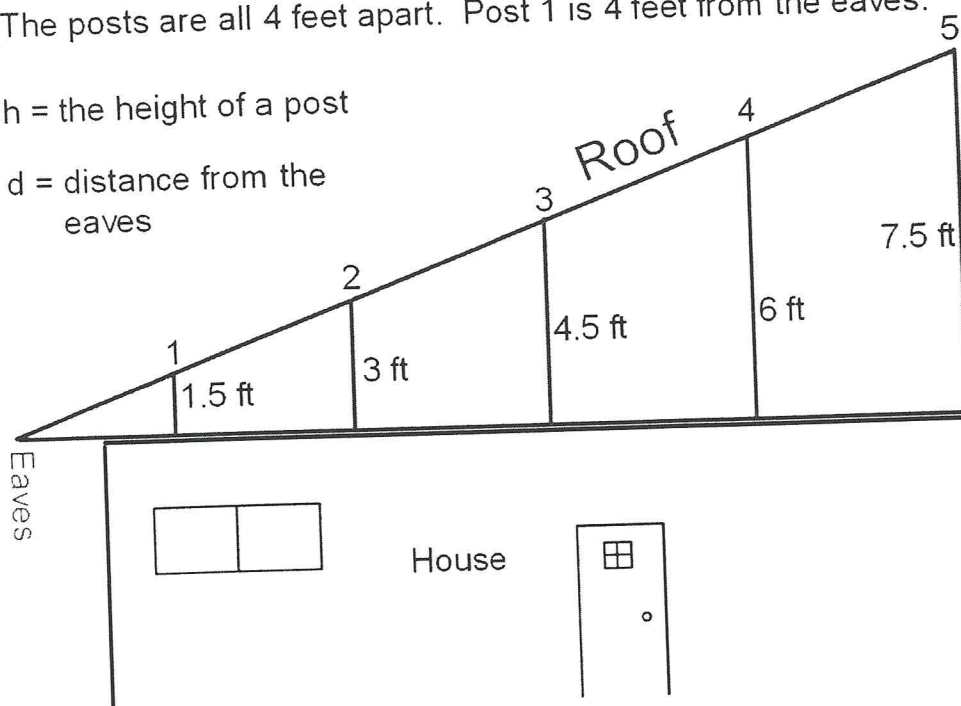The posts are all 4 feet apart. Post 1 is 4 feet from the eaves.

h = the height of a post

d = distance from the eaves

Roof

5

4

3

2

1

7.5 ft

6 ft

4.5 ft

3 ft

1.5 ft

Eaves

House

Find the ratio $\dfrac{h}{d}$ for each post.

POST	h	d	$\dfrac{h}{d}$
1	1.5		
2	3		
3	4.5		
4	6		
5	7.5		

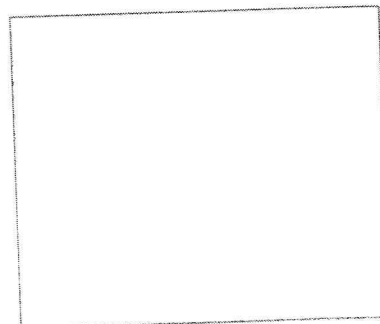The posts are all 4 feet apart. Post 1 is 4 feet from the eaves.

h = the height of a post

d = distance from the eaves

Find the ratio $\frac{h}{d}$ for each post.

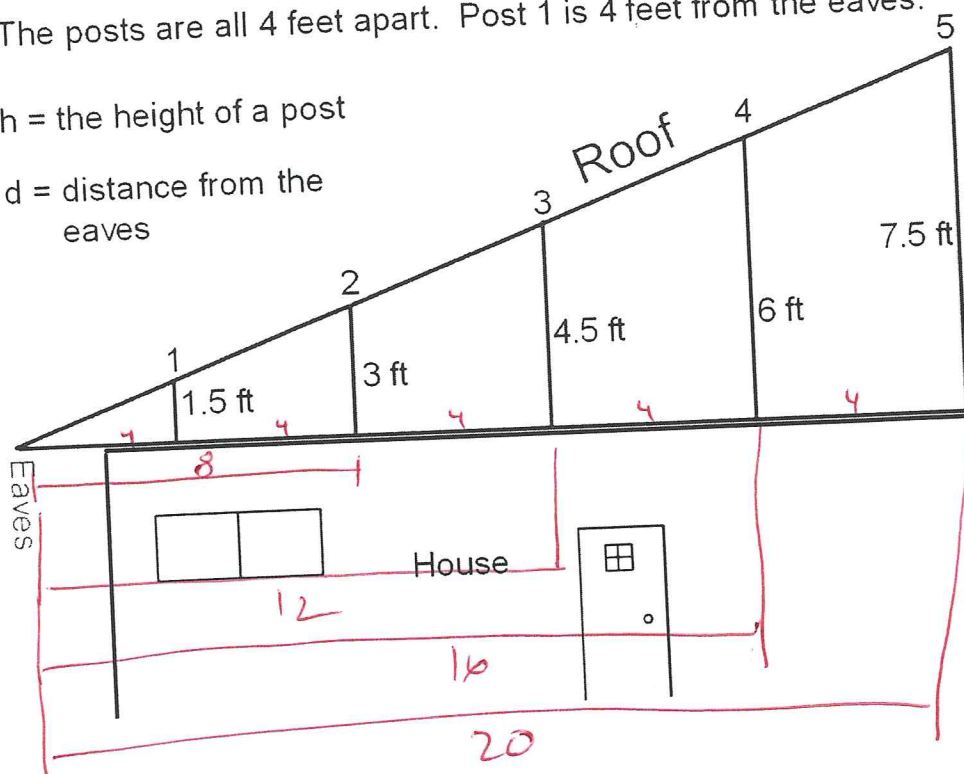| POST	h	d	$\frac{h}{d}$
1	1.5	4	0.375
2	3	8	0.375
3	4.5	12	0.375
4	6	16	0.375
5	7.5	20	0.375