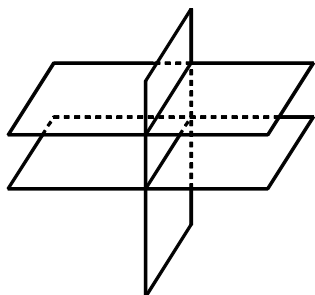
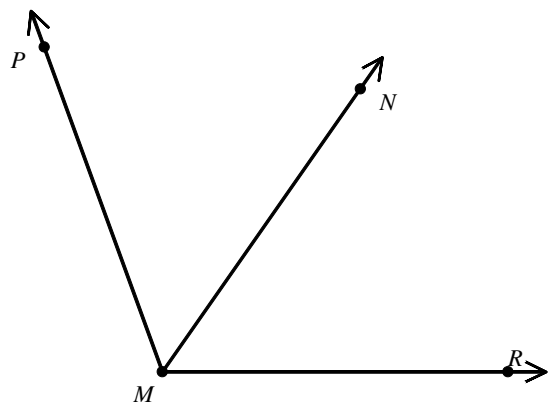


[1] 48

[2]  $2\sqrt{10}$



[3] \_\_\_\_\_



[4]  $m\angle PMN = 55^\circ, m\angle NMR = 55^\circ$



[5] The  $n$ th figure has  $5n + 5$  dots.

[6] A

[7] 13 units

[8] D

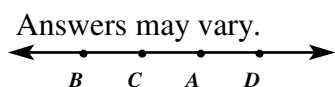
[9] A

[10] All of the points on  $\overline{PQ}$

[11]  $x = 0$

[12]  $113^\circ$

[13] C



[14] \_\_\_\_\_

[15] C

[16] B

[17]  $2289.06 \text{ cm}^2$

[18] D

[19]  $u = 2$

[20] C

[21]  $(-7, 7)$

[22] Observe several cases and make a conjecture from them. Examples vary.

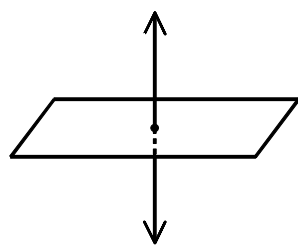
[23]  $m\angle LAB = 46^\circ$

[24] 4

[25] 5

[26] C

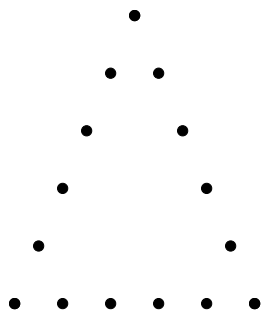
Sketches vary.



[27] \_\_\_\_\_

[28] *D, E, or F* \_\_\_\_\_

[29] D



[30] 24

[31] 7, 9, 11

[32] 90 ft; \$621.00

[33] D