#Jenny

Finally I get this ebook, thanks for all these I can get now!

#Rio

Cool! I'am really happy

#Markus Jensen

I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu

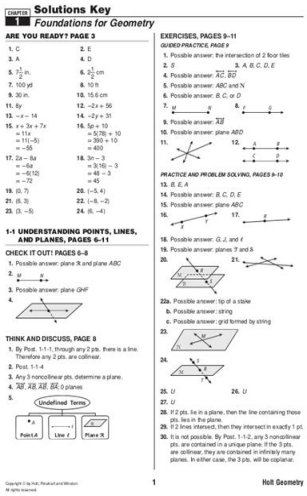
wtf this great ebook for free?!

#Che Salsa

My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler

so many fake sites. this is the first one which worked! Many thanks



CHAPTER 1 Solutions Key

Foundations for Geometry

ARE YOU READY? PAGE 3

1. C
2. E
3. A
4. D
5. $2\frac{1}{2}$ in.
6. $2\frac{1}{2}$ cm
7. 100 yd
8. 10 ft
9. 30 in.
10. 15.6 cm
11. 6*y*
12. $-2x + 56$
13. $-x - 14$
14. $-2y + 31$
15. $x + 3x + 7x$ $= 11x$ $= 11(-5)$ $= -55$
16. $5p + 10$ $= 5(78) + 10$ $= 390 + 10$ $= 400$
17. $2a - 6a$ $= -4a$ $= -4(12)$ $= -72$
18. $3n - 3$ $= 3(16) - 3$ $= 48 - 3$ $= 45$
19. (0, 7)
20. (−5, 4)
21. (6, 3)
22. (−8, −2)
23. (3, −5)
24. (6, −4)

1-1 UNDERSTANDING POINTS, LINES, AND PLANES, PAGES 6–11

CHECK IT OUT! PAGES 6–8

1. Possible answer: plane *N* and plane *ABC*
2. *M* *R*
3. Possible answer: plane *GHF*
4.

THINK AND DISCUSS, PAGE 8

1. By Post. 1-1-1, through any 2 pts. there is a line. Therefore any 2 pts. are collinear.
2. Post. 1-1-4
3. Any 3 noncollinear pts. determine a plane.
4. $\overline{NE}$, $\overline{NB}$, $\overline{AB}$, $\overline{BE}$; 0 planes
5. Undefined Terms: Point *A*, Line *l*, Plane *N*

EXERCISES, PAGES 9–11

GUIDED PRACTICE, PAGE 9

1. Possible answer: the intersection of 2 floor tiles
2. *S* 3. *A*, *B*, *C*, *D*, *E*
4. Possible answer: $\overline{AC}$, $\overline{BD}$
5. Possible answer: *ABC* and *N*
6. Possible answer: *B*, *C*, or *D*
7. *M* *N* 8. *l* *Q*
9. Possible answer: $\overline{AB}$
10. Possible answer: plane *ABD*
11.
12.

PRACTICE AND PROBLEM SOLVING, PAGES 9–10

13. *B*, *E*, *A*
14. Possible answer: *B*, *C*, *D*, *E*
15. Possible answer: plane *ABC*
16.
17.
18. Possible answer: *G*, *J*, and *I*
19. Possible answer: planes *T* and *S*
20.
21.
22a. Possible answer: tip of a stake
b. Possible answer: string
c. Possible answer: grid formed by string
23.
24.
25. *U* 26. *U*
27. *U*
28. If 2 pts. lie in a plane, then the line containing those pts. lies in the plane.
29. If 2 lines intersect, then they intersect in exactly 1 pt.
30. It is not possible. By Post. 1-1-2, any 3 noncollinear pts. are contained in a unique plane. If the 3 pts. are collinear, they are contained in infinitely many planes. In either case, the 3 pts. will be coplanar.

1 Holt Geometry

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