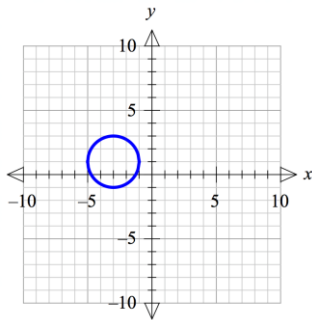
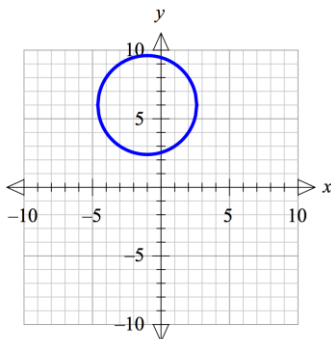


SM2H Unit 6 Circle Review Key

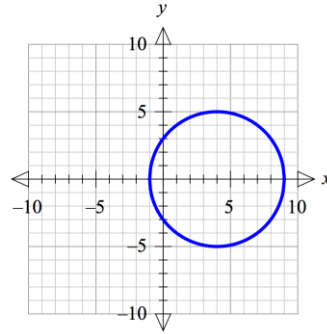
1. \overline{MJ}
2. \overline{BF}
3. \overline{GK}
4. \overline{AC}
5. \overline{KH}
6. 35°
7. 215°
8. 145°
9. 53°
10. $x = 7$
11. $x = 6$
12. $x = 10$
13. $x = 25$
14. $x = 96^\circ, y = 84^\circ$
15. $x = 90^\circ, y = 28^\circ$
16. $x = 6$
17. $x = 132^\circ$
18. $x = 26^\circ$
19. $x = 54^\circ$
20. $x = 63^\circ$
21. $y = 42^\circ$
22. $\overline{EB} @ \overline{ED}$, arcBC @ arcDC
23. arcTS @ arcUV
24. $\overline{AB} @ \overline{CD}$
25. $\overline{DE} @ \overline{FE}$, arcDE @ arcFE
26. $x^2 + y^2 = 16$
27. $(x - 5)^2 + (y + 7)^2 = 81$
- 28.



29.



30.



31. 122°
32. 234°
33. 18.85cm
34. 29.32ft
35. 136°
36. 57°
37. 258°
38. 100°
39. 4
40. 15
41. $x = 12$
42. $x = 7$
43. $x = 4$
44. $x = 7$
45. yes, $a^2 + b^2 = c^2$
46. no, $a^2 + b^2 \neq c^2$
47. 110°
48. 120°
49. 115°
50. 50°
51. $x = 9$
52. $x = 38$
53. $x = 4$

$m \text{ arcBD} = 66^\circ$	$m \text{ arcAE} = 122^\circ$
$m \text{ } \angle \text{BAD} = 33^\circ$	$m \text{ arcAB} = 114^\circ$
$m \text{ } \angle \text{AED} = 90^\circ$	$m \text{ } \angle \text{CBF} = 90^\circ$
$m \text{ } \angle \text{DAE} = 29^\circ$	$m \text{ } \angle \text{BCA} = 114^\circ$
$m \text{ } \angle \text{EDA} = 61^\circ$	$m \text{ } \angle \text{CBA} = 33^\circ$

$m \text{ } \angle \text{AEB} = 105^\circ$
 $m \text{ } \angle \text{AED} = 75^\circ$
 $EB = 4.2$