

Algebra 2
Section 10.4 p686 (E-Learning)

Name _____

| | | | |
|--|-----------|------------|-----------|
| 1. | 2. | 3. | 4. |
| 5. | | 6. | |
| 7. | | 10. | |
| 11. | | 12. | |
| 28. 6 feet, 5.4 feet, 4.86 feet, ... | | | |
| 41. 10 revolutions, 2.5 revolutions, 0.625 revolutions, ... | | | |

51. 120 feet, 48 feet, 19.2 feet, ...

52. 12 cm, 11.4 cm, 10.83 cm, ...

72a.

72b.

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77.

78.

79.

81.

84.

Algebra 2

Name: KEY

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| | | | |
|-------------------------|---------------------|--------------------------|---------------------|
| 1. convergent | 2. divergent | 3. divergent | 4. divergent |
| 5. 880 | | 6. 693.3 | |
| 7. no sum exists | | 10. no sum exists | |
| 11. -4 | | 12. 15 | |
| 28. 60 ft | | | |
| 41. 40/3 | | | |

| | |
|---|----------------|
| 51. 200 ft | |
| 52. 240 cm | |
| 72a. $a_n = 524(1/2)^n$ | 72b. no |

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| | |
|---|---|
| 77. \$1550 | 78. neither 79. arithmetic; common difference = 1/50 |
| 81. center: (3,1) radius 5 units | 84. -45 |