

PTHS Keystone Review Answers

1. C	27. D	53. B	79. A
2. C	28. C	54. C	80. D
3. C	29. C	55. A	81. B
4. C	30. D	56. A	82. B
5. C	31. C	57. C	83. A
6. D	32. D	58. D	84. D
7. C	33. D	59. A	85. A
8. A	34. B	60. C	86. B
9. D	35. C	61. C	87. D
10. D	36. A	62. D	88. A
11. D	37. C	63. C	89. C
12. C	38. B	64. C	90. C
13. D	39. B	65. B	91. B
14. A	40. B	66. A	92. D
15. D	41. D	67. A	93. C
16. D	42. C	68. D	94. D
17. C	43. C	69. C	95. D
18. B	44. D	70. B	96. A
19. D	45. A	71. A	97. C
20. A	46. C	72. D	98. D
21. A	47. C	73. B	99. D
22. A	48. D	74. B	100. B
23. A	49. C	75. D	101. A
24. A	50. B	76. D	102. C
25. B	51. D	77. B	103. A
26. B	52. A	78. A	

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104.

1.) Step 1 is incorrect, it should be:

$$(6)(\sqrt{25})(\sqrt{5})$$

2.) After step 1:

Step 2: Find the square root of 25...because it is a perfect root.

Step 3: Multiply 6 times 5 (5 is the square root of 25)

$$\text{Answer: } 30\sqrt{5}$$

105.

$$\text{Perimeter} = 4x + 4 \text{ or } 4(x + 1)$$

$$\text{Area} = x^2 + 2x - 24$$

106.

a) 6 hours

b) 3 hours