**Drill & Practice Unit 3**

**I – Temperature Conversions** *Convert each temperature into the nearest requested unit. Show your formula, substitution and answer.*

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 
13. 
14. 

**II – Choosing an Imperial Unit of Weight**

*Choose the best imperial unit to weigh following (ounce, pound or ton).*

1. A dog
2. A car
3. A box of apples
4. An earring
5. An elephant
6. A fish
7. Yeast for bread
8. A ship

**III – Imperial Weight Conversions**

*Convert each weight into the unit specified. Show the scale factor used.*

1.  to pounds
2.  to pounds
3.  to ounces
4.  to ounces
5.  to pounds
6.  to the nearest ton
7.  to the nearest ton
8.  to ounces

**IV – Choosing an SI Unit of Mass**

*Choose the best unit of mass for each (milligram, gram, kilogram or tonne).*

1. A person
2. A truck
3. A pill
4. A bag of flour
5. A ring
6. Ground Beef
7. A hippopotamus
8. Vitamins

**V – SI Mass Conversions**

*Convert each mass into the unit specified. Show the scale factor used.*

1. as grams
2. as kilograms
3.  as milligrams
4.  as kilograms
5. as tonnes
6. as grams
7. as kilograms
8. as kilograms

**VI – Mass/Weight Conversions** *Convert each mass or weight into the units*

*specified. Show the scale factor used.*

1.  to ounces
2.  to tonnes
3.  to pounds
4.  to grams
5.  to kilograms
6.  to ounces
7.  to kilograms
8. to pounds
9. to kilograms
10. to tons
11.  to tonnes
12. to pounds
13.  to milligrams
14. to milligrams

**Answer Key**

1. **Imperial Unit Conversions**
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 
13. 
14. 
15. 
16. **Fractions of an Inch**
17. Pound
18. Ton or Pound
19. Pound
20. Ounce
21. Ton
22. Pound
23. Ounce
24. Ton
25. **Converting Between SI and Imperial Units**
26. 
27. 
28. 
29. 
30. 
31. 
32. 
33. 
34. **Multiple Conversions**
35. Kilogram
36. Tonne
37. Milligram
38. Kilogram
39. Gram
40. Gram or Kilogram
41. Tonne
42. Milligram
43. **Determining Surface Area**
44. 
45. 
46. 
47. 
48. 
49. 
50. 
51. 
52. **Capacity Conversions**
53. 
54. 
55. 
56. 
57. 
58. 
59. 
60. 
61. 
62. 
63. 
64. 
65. 
66. 