**Drill & Practice Unit 2**

1. **Imperial Unit Conversions**

*Convert each unit as specified. Where necessary round to the nearest tenth of a unit.*

1. Convert to *yards*
2. Convert  to *feet*
3. Convert  to *inches*
4. Convert  to *inches*
5. Convert  to *feet*
6. Convert  to *feet*
7. Convert  to *yards*
8. Convert  to *miles*
9. Convert  to *yards*
10. Convert to *miles*
11. **Fractions of an Inch**

*Write each measurement as mixed number inches (no decimals).*

1. 
2. 
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4. 
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11. **Converting Between SI and Imperial Units**

*Using multiplication by the correct scale factor, convert each measurement into the units specified. Where necessary round to the nearest tenth.*

1. Convert  into *miles*
2. Convert  into *yards*
3. Convert  into *centimetres*
4. Convert into *metres*
5. Convert  into *inches*
6. Convert into *metres*
7. Convert  into *yards*
8. Convert into *kilometres*
9. Convert  into *centimetres*
10. Convert into *miles*
11. Convert  into *metres*
12. Convert  into *feet*
13. Convert  into *metres*
14. Convert  into 
15. Convert  into *inches*
16. Convert  into *centimetres*
17. Convert into *centimetres*
18. Convert  into *centimetres*
19. Convert  into *kilometres*
20. Convert  into *inches*
21. **Multiple Conversions**

*Show your reasoning as you determine the equivalent measurement in the unit specified. Where necessary round your answer to the nearest tenth of a unit.*

1. Convert into *yards*
2. Convert  into *yards*
3. Convert into *miles*
4. Convert  into *feet*
5. Convert into *feet*
6. Convert into *metres*
7. Convert into *metres*
8. Convert into *kilometres*
9. Convert into *millimetres*
10. Convert into *centimetres*
11. **Determining Surface Area**

***Determine*** *the surface area of each shape. Be sure to include your formula, and show your substitution. Round all your answers to the nearest square unit.*

1. **Capacity Conversions**

*Show your reasoning as you determine the equivalent measurement to the nearest tenth of the unit specified.*

1. Convert  into *litres*
2. Convert  into *litres*
3. Convert  into *pints*
4. Convert  into *gallons*
5. Convert  into *litres*
6. Convert  into *millilitres*
7. Convert  into *litres*
8. Convert  into *fluid ounces*
9. Convert  into *quarts*
10. Convert into *fluid ounces*

**Answer Key**

1. **Imperial Unit Conversions**
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12. **Fractions of an Inch**
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23. **Converting Between SI and Imperial Units**
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44. **Multiple Conversions**
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55. **Determining Surface Area**
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64. **Capacity Conversions**
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