**Chapter Five Outcomes: Measurement**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lesson Goals**  *Place a checkmark in the box that best describes your work.* | **Yes, on my own** | **Yes, with help** | **Sometimes/ Not sure** | **Not yet** |
| 1. I can build 3-D objects from nets. |  |  |  |  |
| 1. I can draw nets of prisms and cylinders. |  |  |  |  |
| 1. **I can use different strategies to calculate the surface area of prisms.** |  |  |  |  |
| 1. **I can use different strategies to calculate the surface area of a cylinder.** |  |  |  |  |
| 1. **I understand and can apply formulas for the volume of prisms.** |  |  |  |  |
| 1. **I understand and can apply the formula for the volume of a cylinder.** |  |  |  |  |
| 1. I can use models to solve measurement problems. |  |  |  |  |
| 1. **I can solve the area of squares and rectangles.** |  |  |  |  |
| 1. **I can solve the area of triangles.** |  |  |  |  |
| 1. **I can solve the area of a circle.** |  |  |  |  |
| 1. **I can solve the perimeter of squares and rectangles.** |  |  |  |  |

**Chapter Five Vocabulary**

|  |  |
| --- | --- |
| **Term** | **Definition** |
| Net |  |
| Prism |  |
| Cylinder |  |
| Area |  |
| Surface Area |  |
| Volume |  |
| Diameter |  |
| Circumference |  |
| Radius |  |
| Perimeter |  |

**Chapter Nine: Linear Relations and Linear Equations**

Extra Help: Workbook Chapter 5 & 7

**Outcome 1:** I can build 3-D objects from nets.

Basic Questions: Pg.198 #2

**Outcome 2:** I can draw nets of prisms and cylinders.

Examples: Pg.196 Example 1,2; Pg.197 Example 3

Basic Questions: Pg.198 #1,3,4,5; Pg.205 #1

Advanced Questions: Pg.199 #7,8

**Outcome 3: I can use different strategies to calculate the surface area of prisms.**

Examples: Pg.201 Example 1; Pg.202 Example 2,3; Pg.204 Example 4

Basic Questions: Pg.205 #2,3,5; Pg.206 #6-8,11

Advanced Questions: Pg.205 #4; Pg.206 #9,10

**Outcome 4: I can use different strategies to calculate the surface area of a cylinder.**

Examples: Pg.210 Example 1; Pg.211 Example 2

Basic Questions:Pg.212 #1-4; Pg.213 #5,10

Advanced Questions: Pg.213 #5,78,9,11

**Outcome 5: I understand and can apply formulas for the volume of prisms.**

Examples: Pg.217 Example 1; Pg.218 Example 2; Pg.219 Example 3,4

Basic Questions: Pg.220 #1-4; Pg.221 #5,6; Pg.222 #13

Advanced Questions: Pg.221 #7,8; Pg.222 #10,11,12,14,15

**Outcome 6: I understand and can apply the formula for the volume of a cylinder**

Examples: Pg.224 Example 1,2

Basic Questions: Pg.225 #1-4; Pg.226 #5,9,10

Advanced Questions: Pg.226 #6,7,8,11

**Outcome 7:** I can use models to solve measurement problems.

Examples: Pg.228 Example 1; Pg.230 Example 2

Basic Questions: Pg.231 #1-4

Advanced Questions: Pg.231 #5

**Outcome 8: I can solve out the area of squares and rectangles.**

**Outcome 9: I can solve the area of triangles.**

**Outcome 10: I can solve the area of a circle.**

**Outcome 11: I can solve the perimeter of squares and rectangles.**