Review: Constant of Proportionality

Find the Constant of Proportionality from the tables below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Weight (oz) | 12.5 | 10 | 5 | 8 |
| Cost ($) | 5 | 4 | 2 | 3.2 |

2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Week | 1 | 4 | 7 | 10 |
| Total Earnings ($) | 28 | 112 | 196 | 280 |

3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Time (hrs) | 5 | 10 | 12 | 16 |
| Snow Fall (in) | 2.5 | 5 | 6 | 8 |

4.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number of Days | 3 | 6 | 9 | 24 |
| Cost ($) | 1 | 2 | 3 | 8 |

Find the Constant of Proportionality from the equations below.

5. y = 108 x

6. y = $\frac{1}{2}$ x

7. y = 6.8 x

8. y = $\frac{3}{4}$ x

9. Each school year, the 7th graders who study Life Science participate in a special field trip to the city zoo. In 2010, the school paid $1260 for 84 students to enter the zoo. In 2011, the school paid $1050 for 70 students to enter the zoo. In 2012, the school paid $1395 for 93 students to enter the zoo.

**Proportional or Not Proportional**

**CP:**

**Equation:**

10. Find the Constant of Proportionality from the graph below. Use table or stair step method.

