|  |  |
| --- | --- |
| **Fill in the Blanks** | **Rational and Irrational Numbers** |



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Number** | **Rational or Irrational?** | **First Eight Digits** | **Rounded to 1 Decimal Place** | **Rounded to 2 Decimal Places** | **Rounded to 1 Significant Figure** | **Rounded to 3 Significant Figures** |
| $$\sqrt{10}$$ | $$Irrational$$ | $$3.1622776..$$ |  | $$3.16$$ |  | $$3.16$$ |
| $$\frac{π}{2}$$ |  | $$1.5707963…$$ |  |  |  | $$1.57$$ |
| $$\sqrt[3]{1200}$$ |  |  |  |  | $$10$$ |  |
| $$7π$$ |  |  |  |  |  | $$22.0$$ |
| $$7.\dot{6}$$ |  |  |  |  |  |  |
| $$π+15$$ |  |  |  |  |  |  |
| $$\frac{7}{90}$$ |  |  |  |  |  |  |
| $$125-\sqrt{3}$$ |  |  |  |  |  |  |
|  |  |  |  |  |  | $$2.24$$ |
|  |  |  |  |  |  | $$37.7$$ |