Estimation Worksheet

1. Estimate each product or quotient. Tell if your estimate is an overestimate or an underestimate.

	Equation used for Estimation	**Estimated Product or Quotient**	**Overestimate (O) or Underestimate (U)**
a) 6.23×5			
b) 4.8×7			
c) 10.678×9			
d) $21.73 \div 4$			
e) $29.311 \div 3$			
f) $97.113 \div 2$			

2. **a)** Shawn and his brothers went to the movie theatre. **One ticket** cost $7.75. Estimate the cost of **3 tickets**.

   b) Shawn paid $10.75, for **3 containers** of popcorn. Estimate the cost of **one container** of popcorn.

3. Estimate the perimeter of a square with each side length. Tell if your estimate is an overestimate or an underestimate.

	Equation used for Estimation	**Estimated Perimeter**	**Overestimate or Underestimate**
a) 3.2 cm			
b) 3.8 cm			
c) 5.4 cm			

4. Estimate the side length of a square with each perimeter.

	Equation used for Estimation	**Estimated Side Length**	**Overestimate or Underestimate**
a) 39.8 cm			
b) 20.6 cm			
c) 58.4cm			

5. It costs $17.85 **per night** to camp at Notikewin Provincial Park in Alberta. About how much will it cost to camp there for a **week**?

6. a) Using **estimation,** is 7.26 × 4 greater than, or less than, 28? How do you know?

   b) Using **estimation**, is 41.16 ÷ 7 greater than, or less than, 6? How do you know?

7. Describe a situation where you might want to use an overestimate. Explain why.