Unit 8: Proportional Relationships
Review Worksheet: Lessons 1-2

Shark	Length (feet)
Great White Shark	23
Tiger shark	20
Nurse shark	13
Pacific Angel shark	5
Whitetip Reef shark	7
Short-finned Mako shark	12
Great Hammerhead shark	20
Lemon shark	10
Bull shark	11
Galapagos shark	12
Megamouth shark	15
Spiny Dogfish shark	4
Tiger shark	20
Whale shark	43
Basking shark	33

Use the table to write each ratio ***three different ways***.

1. Great White Shark's length to Whale shark's length

2. Spiny Dogfish shark's length to total length of all sharks

3. total length of all sharks to Basking shark

4. Write three equivalent ratios to compare the number of smiley faces with the number of crescent moons.

5. Tia charges $32.70 dollars for 6 hours of yard work. Jason charges $38.50 for 7 hours of yard work. Which person earns more for each hour of yard work? Show your reasoning.

6. Carmel bought a 25-pound bag of mulch for her garden for $22.25. Charlie bought a 20-pound bag of mulch for his garden for $18.40.   Which gardener purchased the better deal? Show your reasoning.

Copy and complete each table to find the missing rations.

7.

2	5		12	16
8	20	36	48	

8.

10	25	45		60
12	30		60	

9. Kathy swims las at the pool. The table shows how long it takes her to swim different numbers of laps. Predict how long it will take her to swim 9 laps.

Number of Laps	2	4	6	8	10
Time (min)	6	12	18	24	30

10. Super Bargain is having a super sale on potatoes. The table shows the some sale prices. Predict the cost of 13 pounds of potatoes at the rate show in the table.

Amount (lb)	3	6	9	12	15
Cost ($)	6.75	13.50	20.25	27.00	33.75