Find a Pattern

A series of ratios form a pattern. Find the pattern and complete each table.

1. For every one can, there are three tennis balls.

Cans	1	2	3	4	5	6	7	8
Tennis Balls	3	6						

Think: $\frac{1}{3} \times \frac{2}{2} = \frac{2}{6}$

2. For every one pack of gum, there are five sticks.

Packs of Gum	1	3	5	7	9	11	13	15
Sticks of Gum	5				45			

Think: $\frac{1}{5} \times \frac{\Box}{\Box} = \frac{9}{45}$

3. For every one touchdown, a team gets six points.

Touchdowns	1	7	3	2	9	4	6	5
Points				12				30

Think: $\frac{1}{\Box} \times \frac{2}{2} = \frac{2}{12}$

4. For every one dollar, you could get four quarters.

Dollars	1	3	7	2	10	6	9	4
Quarters		12	28					

Think: $\frac{1}{\Box} \times \frac{\Box}{\Box} = \frac{3}{12}$