Name: _____                    Date: _____

# Decimal Round Up

**Rounding** numbers gives an approximate amount of something. Help Cowboy Carlos take care of the cattle at Round Up Ranch by rounding numbers to solve each problem he faces.

Remember, when you see the word **about**, it is a clue that you should use rounding to find an approximate answer.

| 1. Cowboy Carlos is buying alfalfa at the local feed supply store. | |
|---|---|
| a) Alfalfa costs $1.90 per pound. About how much does a pound of alfalfa cost?<br><br>$2.00 per pound | b) About how much would Carlos pay for 17.2 pounds of alfalfa?<br><br>17 x $2.00 = $34 |

| 2. Cowboy Carlos and his horse, Henrietta, are rounding up the cattle at Round Up Ranch. | |
|---|---|
| a) Henrietta can run 25.84 miles per hour. About how many miles can Henrietta run in an hour?<br><br>26 miles | b) If it takes 3.4 hours to round up all the cattle, about how many miles will Henrietta run?<br><br>3 hours x 26 miles = 78 miles |

| 3. Cowboy Carlos is repairing the fence around the perimeter of Round Up Ranch. | |
|---|---|
| a) 31.69 yards of fence need to be repaired on the south side of the ranch. About how many yards of fencing should Carlos buy?<br><br>32 yards of fence | b) Carlos repaired 15.08 yards of fence last year. About how much more fencing does Carlos need to replace this year?<br><br>32 yards - 15 yards = 17 yards |

| 4. Cowboy Carlos is filling troughs with fresh drinking water for his cattle. | |
|---|---|
| a) The trough in the barn holds 63.47 gallons of water. About how much water will Carlos use to fill it?<br><br>63 gallons of water | b) The trough in the outdoor grazing area holds 45.52 gallons of water. About how much water will Carlos use altogether if he fills both troughs?<br><br>46 gallons + 63 gallons = 106 gallons |