Name: _____

All Topics

I. a. Complete the table.

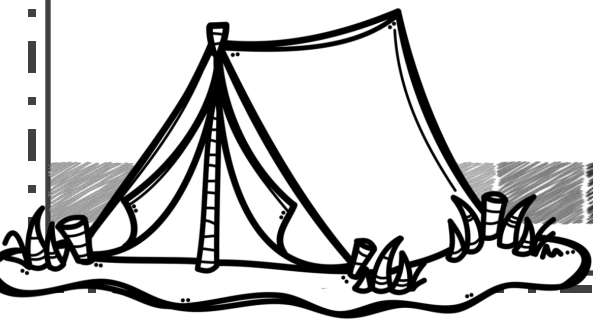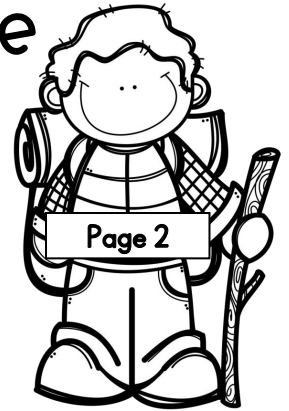| Yards	Feet
1	
2	
3	
10	

b. Describe the rule for converting yards to feet.

c. How many feet are in 15 yards?

d. Alex says that he can find the number of feet in 15 yards by tripling the number of feet in 5 yards. Does his strategy work? Why or why not?

e. A red rope in Alex's camping bag is 9 yards long. The green rope is 3 times as long as the red rope. An orange rope is 3 feet 8 inches shorter than the green rope. What is the difference in length between the red rope and the orange rope?

2. Convert the following measurements:

    a. Express the length of a 7 kilometer trip in meters. _____

    b. Express the weight of a 12 ½ pound puppy in ounces. _____

3. Find the following sums and differences. Show your work.

    a. 3 gal 2 qt + 2 gal 3 qt = _____ gal _____ qt

    b. 5 min 38 sec + 6 min 24 sec = _____ min _____ sec

4. Answer true or false for the following statements. Explain how you know using pictures, numbers, or words.

    a. 72 ounces < 7 pounds   _____

    b. 940 minutes > 16 hours _____

1. a. Complete the table.

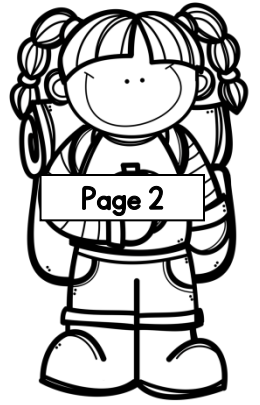| Hours	Minutes
1	
2	
3	
10	

b. Describe the rule for converting hours to minutes.

c. How many minutes are in 6 hours?

d. Chris says that he can find the number of minutes in 10 hours by doubling the number of minutes in 5 hours. Does his strategy work? Why or why not?

e. Chris spent 2 hours packing his bags for the camping trip. He spent 3 times as long packing the truck for the camping trip. It took 4 hours 23 minutes longer to travel to the campsite than to pack the truck. What is the difference between the time it took to travel to the campsite and the time it took to pack his bags?

2. Convert the following measurements:

    a. Express the capacity of a 2 liter 140 milliliter container in milliliters. _____

    b. Express the length of a 2 1/3 hour movie in minutes. _____

3. Find the following sums and differences. Show your work.

    a. 4 ft 2 in – 8 inches = _____ ft _____ in

    b. 28 lb 4 oz – 4 lb 10 oz = _____ lb _____ oz

4. Answer true or false for the following statements. Explain how you know using pictures, numbers, or words.

    a. 35 inches = 2 feet 11 inches   _____

    b. 3 hours < 179 minutes _____