

Name - \_\_\_\_\_

Start time - \_\_: \_\_

End time - \_\_: \_\_

Word problems:

1. A baby weighs 3.5 kilograms at birth. How many pounds does the baby weigh if 1 kilogram is equal to 2.205 pounds?
2. A cyclist rides at a speed of 15 miles per hour. How fast is the cyclist riding in kilometers per hour if 1 mile is equal to 1.609 kilometers?
3. A swimming pool has a volume of 500 cubic meters. How many cubic feet of water can it hold if 1 cubic meter is equal to 35.315 cubic feet?
4. A piece of cloth has a length of 18 inches and a width of 12 inches. What is the area of the cloth in square centimeters if 1 inch is equal to 2.54 centimeters?
5. A bottle of soda contains 12 fluid ounces of liquid. How many milliliters of soda are there in the bottle if 1 fluid ounce is equal to 29.574 milliliters?
6. A marathon is 42.195 kilometers long. What is this distance in miles? (Hint: 1 mile  $\approx$  1.60934 kilometers)
7. The Great Wall of China is approximately 21,196 kilometers long. How many miles is it?

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