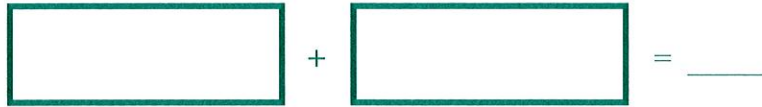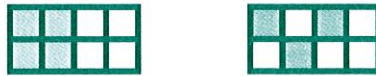NAME_____ DATE_____

1. Draw a model that shows addition of the fractions below using the <u>least</u> <u>common</u> <u>denominator</u> (LCD). $\dfrac{1}{8} + \dfrac{1}{4}$ = _____
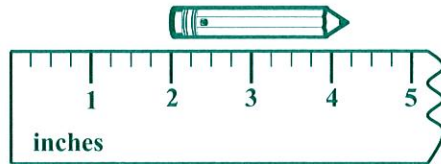
   [ ] + [ ] = _____

2. Which of the following expressions represents the model of addition shown below?
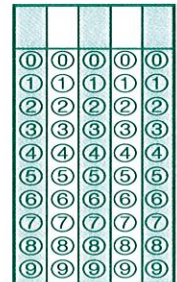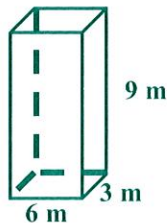
   Ⓐ $\dfrac{1}{2} + \dfrac{3}{5}$ Ⓑ $\dfrac{4}{8} + \dfrac{3}{8}$ Ⓒ $\dfrac{1}{2} + \dfrac{3}{3}$ Ⓓ $\dfrac{1}{2} + \dfrac{3}{9}$ Ⓔ NH

3. How long is the pencil below in inches?

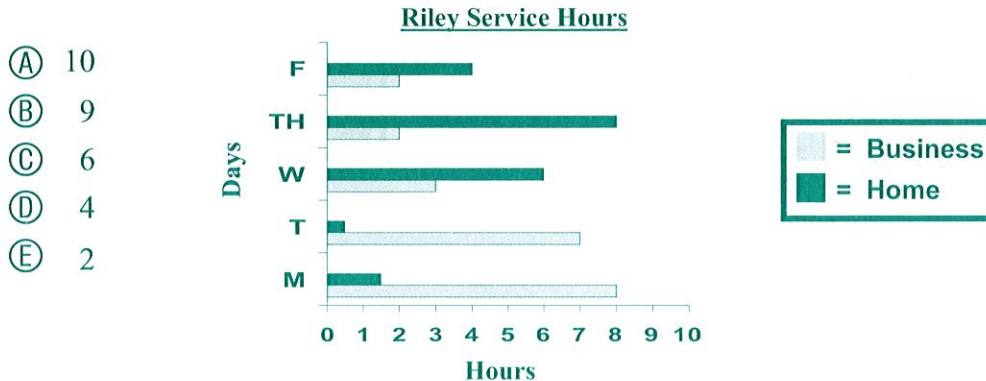   inches
   1   2   3   4   5

   Ⓐ $4\dfrac{1}{2}$ Ⓑ $4\dfrac{1}{4}$ Ⓒ $3\dfrac{1}{2}$ Ⓓ $3\dfrac{1}{4}$ Ⓔ $2\dfrac{1}{4}$

4. Find the volume of the container below, in cubic meters.

   9 m
   3 m
   6 m

5. The graph below shows the amount of time Riley spent giving estimates for repair work to homes and businesses. How many hours did Riley work on Friday?

   Ⓐ 10
   Ⓑ 9
   Ⓒ 6
   Ⓓ 4
   Ⓔ 2

   Riley Service Hours

   Days: F, TH, W, T, M
   Hours: 0 1 2 3 4 5 6 7 8 9 10

   = Business
   = Home

NAME_____   DATE_____

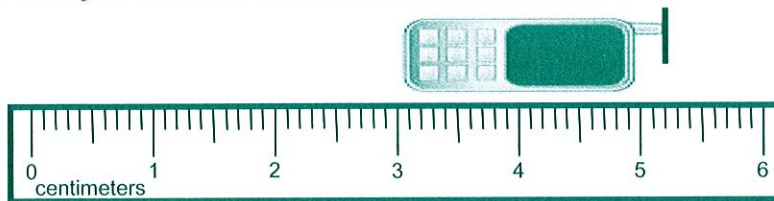1. What is the least common denominator (LCD) for the fractions below?

$$\frac{1}{6} \ , \ \frac{5}{8} \ , \ \frac{3}{4}$$

(A) 4   (B) 6   (C) 12   (D) 24   (E) 32

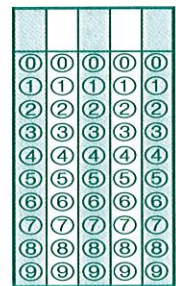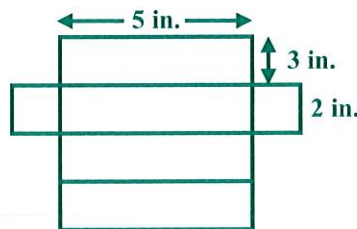2. Write each of the fractions below in a equivalent fraction with a denominator of 100.

a) $\frac{9}{20} =$——   b) $\frac{3}{25} =$——   c) $\frac{4}{5} =$——   d) $\frac{7}{10} =$——   e) $\frac{3}{4} =$——

3. Measure the object below, in centimeters.

(A) 2.2   (B) 4.4   (C) 5.0   (D) 5.2   (E) NH

4. The diagram below shows the net of a rectangular prism.
   Find the surface area of the figure, in square inches.

5 in.

3 in.

2 in.

5. Which solution had the greatest difference in maximum temperature between Trial #1 and Trial #2?

(A) Solution A
(B) Solution B
(C) Solution C
(D) Solution D

Maximum Temperature

Temperature (°C)

Solution

■ = Trial #1
□ = Trial #2