DAY 1 - Measuring & Converting Between Units

Which units you would use to measure in each case.

a) the size of a book

- b) a desk
- c) a lawń
- m cm, in, ft a lawn yd, ft, m
- d) an airfield km, mi 14d
- 3. For each situation, which would be more appropriate: an exact measure or an approximation.
 - a) the dose of a medicine

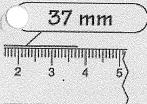
b) the outside temperature when you are deciding what to wear

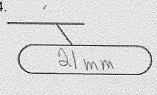
the length of a car trip

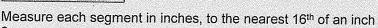
- d) the dimensions of parts of a machine
- e) your height

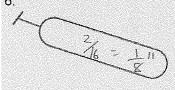
apprex

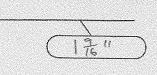
Measure each segment to the nearest millimeter, as shown









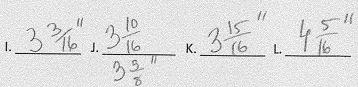


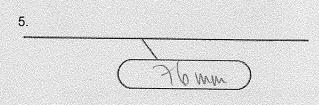
9. ANS:
$$\frac{|2|}{|6|} = \frac{|1|}{8}$$

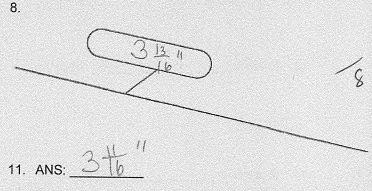
10. ANS:
$$\frac{15 11}{16}$$

Read the indicated measures on the ruler below, it measures lengths up to 6" to the nearest 16th inch. Hint: All measures are reduced to lowest terms.









SINGLE STEP CONVERSIONS

- 12. Convert the following metric measures:
 - a) 2400 m = 2.4 kn

b) 34 cm = <u>340</u> mm

c) 5L= <u>S000</u> mL

d) $3200 g = \frac{3.2 \text{ kg}}{}$

- 13. Convert the following imperial measures:
 - a) 4 pounds = 64 ounces

b) 6.5 quarts = <u>13</u> pints

c) 42 inches = 3,5 feet

d) 3 miles = <u>5280</u> yards

- 14. Convert the following metric and imperial measures:
 - a) 36 inches = <u>91,44</u> cm

$$36 \text{ jn} \cdot \frac{2.54 \text{ cm}}{1 \text{ jp}} = \frac{91.44 \text{ cm}}{1}$$

b) 40 km = ______ 25 miles

c) 10 gallon = 37.85 L

d) $140 g = \frac{\sqrt{4.9}}{100}$ ounce

15. Jesse needs to order flooring for his room. He measured the dimensions of the room to be 300 cm by 375 cm. However, the flooring company needs to know these dimensions in feet. Find the dimensions of the room in feet.

of dimensions are 9.8 ft by 12.34

16. You have a 1.5 gal jug. How many litres will it hold?

$$1.5 \text{ ggd} \times \frac{3.785 \text{ L}}{1 \text{ ggd}} = 5.68 \text{ L}$$