

**Warm-up 16**  
J Allyn

Name \_\_\_\_\_

~ Solve  $5\frac{3}{7} - 3.75$   $8\frac{1}{2} \div 3\frac{2}{3}$

~ Range, median, mode of 23 27 x 22 32 26

Expression for the mean (average) of the above data

If  $x = 32$ , could the mean be 34? Why or why not?

If the average (mean) of the data must be 28, what must 'x' equal?

~ Diameter of circle Q is  $(4y + 6)$  cm.

Exact area in terms of  $\pi =$

Exact circumference in terms of  $\pi =$

~ Round 23.0857 to the nearest

whole

tenth

hundredth

thousandth

~ Estimate to the nearest whole

$0.94 \cdot 12.03$   
\_\_\_\_\_

$10.034 \div 2.352$   
\_\_\_\_\_

$3.85 \times 4.96$   
\_\_\_\_\_

$13.046 \div 3.91$   
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~ Simplified expression for the perimeter of a rectangle with length which is 5 inches longer than twice the width.

~ Seventeen marbles in a bag. Four are red, six are blue, 2 are black and the rest a white. What are the chances of pulling one white marble without looking in one try?

~ Rain puddle was 3 inches deep on Tuesday. It was 3.5 inches deep after Thursday's rain. By what percent did the depth of the puddle increase?