

Date:

PRO 1

## **Cross Multiplying to Find an Unknown**

Instructions: For each of these proportions (without units), use the cross-multiplying procedure you learned in the video to solve for the unknown number 'n'. 1 2  $5 \times 8 = n \times 2$  $n \times 3 = 9 \times 2$  $\frac{n \times 3}{3} = \frac{18}{3}$  $\frac{40}{2} = \frac{n \times 8}{8}$ (n = 20) (n = 6)3 4  $n \times 6 = 4 \times 12$  $2 \times 45 = 9 \times n$  $\frac{n \times \&}{\&} = \frac{48}{6}$  $\frac{90}{9} = \frac{9 \times n}{9}$ n = 8 (n = 10) 5 6  $3 \times 32 = 8 \times n$  $7 \times n = 3 \times 21$  $\frac{96}{8} = \frac{8 \times n}{8}$  $\frac{X \times n}{X} = \frac{63}{7}$ (n = 12) (n = 9)7 8  $n \times 30 = 6 \times 5$  $7 \times n = 3 \times 35$  $\frac{X \times n}{X} = \frac{105}{7}$  $\frac{n \times 30}{30} = \frac{30}{30}$ (n = 15) (n = 1

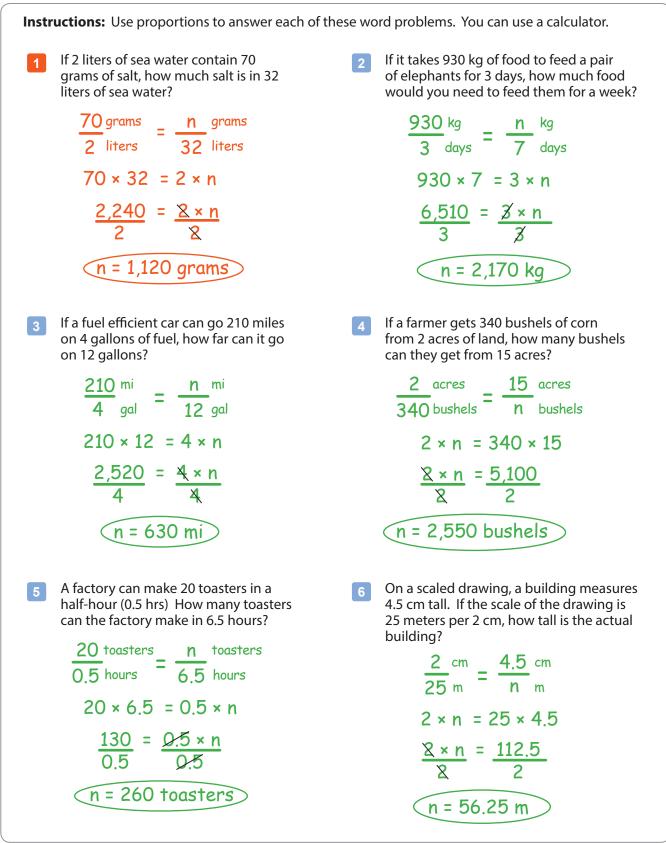
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PRO 3

## **Proportion Word Problems**

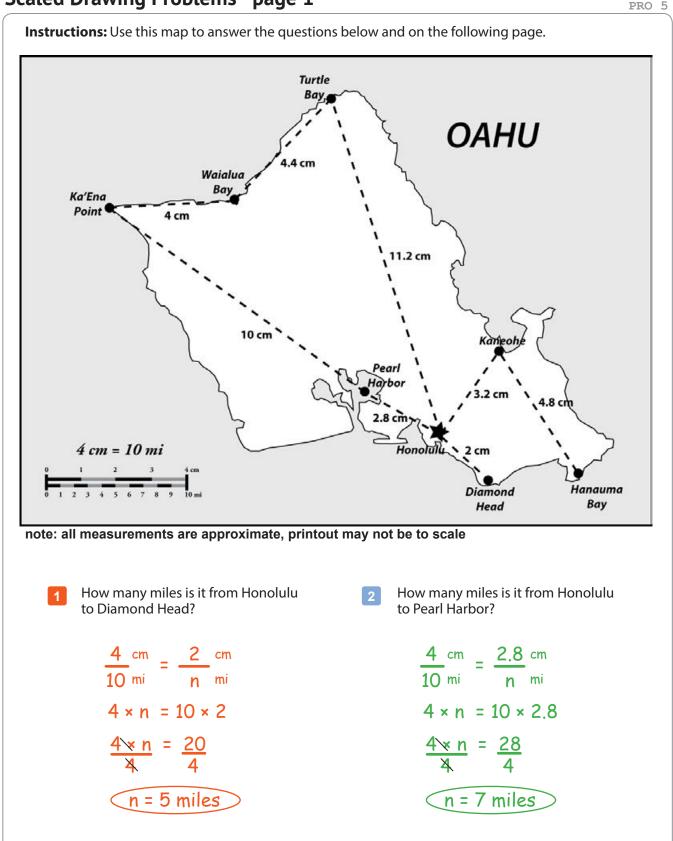


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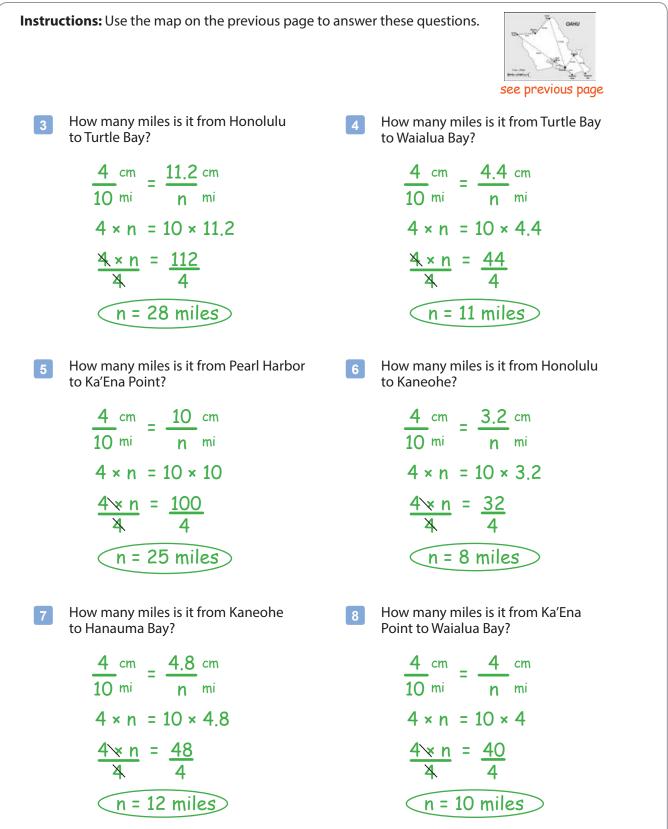




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PRO 6

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